As of August 2015

CA Unified Infrastructure Management (CA UIM) Probe List

With the ability to monitor your heterogeneous mix of IT technology from top to bottom, CA Unified Infrastructure Management (CA UIM, formerly CA Nimsoft Monitor) helps IT professionals reach higher levels of uptime and increase user satisfaction. CA UIM is fully equipped with robust alerting and event management, performance management and SLA alerting and reporting to consolidate multiple point solutions into one single, unified monitoring interface.

CA UIM features a broad set of monitoring "probes", which enable organizations to monitor and manage IT service levels for critical business services, along with the infrastructure's underlying components—including servers, network devices and flow, applications, databases, end user response time and more. These probes are available for use by customers that wish to leverage CA UIM.

This document maps each of the CA UIM probes to "Packs" of CA UIM solution offerings, and then lists and details the available probes by functional area. "Packs" are solution-oriented sets of monitoring functionality, with licensing that varies by the "pack" type. Please note that the version date of this document is independent of the currently shipping CA UIM release cycle.

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Maps of Probes to Packs

Packs	Probes included in Packs
Base Infrastructure	The Base Infrastructure is the core, fundamental set of software components required to implement CA UIM. A single instance of this pack is required and included for all CA UIM customers. The important sub-components that are provided within this Pack include the following: • **Unified Management Portal:** dashboard_engine, unified_dashboards, ump_flow, ump_mobile, ump_umpjslib • **RCA & Topology Manager**: Discovers Layer 2 & 3 network components and presents the network as topology maps, while also suppressing sympathetic alarms. o Probes: topology_agent, topology_fault_correlation, topology_server • **CA UIM Reporter (aka Unified Reporter)**: Provides advanced reporting and customization options as well as additional out of the box performance reports for dozens of technologies. • **Gateway Probes**: adogtw, ARCserve_D2D, ARCserve_RHA, casdgtw, cmdbgtw, cuegtw, emailgtw, hpsmgtw, jdbcgtw, nsdgtw, ovnnm, remedygtw, smsgtw, sngtw, snmpgtw, snmptd, sysloggtw. • **Administrative/internal probes: :** ace, alarm_enrichment, audit, automated_deployment_engine, baseline_engine, billing, cm_data_import, controller, dap, data_engine, discovery_agent, discovery_server, distsrv, fault_correlation_engine, file_adapter, HA, hub, hdb, httpd, install_AIX_5, install_AIX_5_64, install_HPUX_11_64, install_HPUX_11_ia64, install_LINUX_23, install_LINUX_23_64, install_LINUX_23_ppc64, install_SOLARIS_10_amd64, install_SOLARIS_10_i386, install_SOLARIS_8_sparcv9, iSeries_robot_update, iSeriesRobot, java_jre, jre_solaris, maintenance_mode, mgr, monitoring_services, mpse, nas, nis_server, policy_engine, PPM, qos_processor, relationship_services, service_host, spooler, usage_metering, wasp, wasp_language_pack, sla_engine, udm_manager, ugs, usage_metering, nimldr, robot_deb, robot_exe, robot_rpm, robot_sol, robot_update, vs2005_redist_x64, vs2005_redist_x86, vs2008_redist_ia64, vs2008_redist_x64, vs2008_redist_x86. • **API/SDKs:** code_wizard, SDK_C, SDK_DotNet, SDK_Java, SDK_Perl, SDK_VB, ndg, nsa, Perl_AIX_5, Perl_LINUX_23, Perl_LINUX_23_64, Perl_SOLARIS_10_i386, Perl_SOLARIS_8_sparc, Probe Framework SDK, webservices_rest, webservices_soap. • **Virtualization probes (**provided at no additional charge for CA customers running both CA UIM and AppLogic): applogic_ws, applogic_mon 1 Server Pack for EACH CA UIM server role – including: Primary CA UIM Server, Unified Management Portal server, Unified Reporter server.

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Packs	Probes included in Packs
Server Pack	Monitors core server metrics and resources at the basic OS level. Provides base virtualization monitoring for VMware, XenServer, HyperV, Red Hat Enterprise Virtualization, IBM VM and Solaris Zones environments. Also includes the ability to "ping" the server from the CA UIM management server to determine up/down state. One license required per monitored operating system/server (Physical or Virtual). • **Core server metric probes:** cdm, dirscan, diskstat, fetchmsg, fsmounts, history, icmp, iostat, jobqs, jobs, jobsched, journal, logmon, net_connect, net_traffic, nexec, ntevl, ntperf, ntperf64, ntservices, outqs, perfmon, printers, processes, reboot, rsp, sysstat, tcp_proxy, xmlparser. • Licensed per server OS monitored. Examples: 1 license per physical windows server, 1 license per Windows virtual server hosted in HyperV. • **Virtualization probes**: hyperv, ibmvm, rhev, vmware, xenserver, zones, (licensed per physical server/host/hypervisor monitored – Ex: 1 license per ESX host). o Note: Customers have an option in how they wish to use CA UIM to monitor a virtual environment (i.e. VMWare, Citrix XenServer, etc.). ▪ **Option 1:** CA Technologies highly recommends that you license sufficient server license entitlements to cover each hypervisor (i.e. VMWare ESX host) and each unique virtual OS instance (i.e. virtual machine). For example, a configuration of 1 VMWare ESX host with 50 VMs is best monitored with 51 CA UIM server licenses. This recommendation will provide you with the most monitoring data possible for the operating systems and/or applications running on the virtual machines. ▪ **Option 2**: You can choose to monitor the hypervisor and each of the virtual machines running on the hypervisor at a more basic level by monitoring only via the hypervisor management interface. For example, a configuration of 1 VMware ESX host with 51 VMs can be monitored via a single Server Pack license; however, this configuration will NOT provide monitoring data for the operating systems and/or applications running on the virtual machines. This configuration will only provide virtualization monitoring metrics/alerts from the hypervisor perspective (i.e. # of VMs active, VM on/off, VM guest performance, etc.).

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Packs	Probes included in Packs

Server and Application Pack	Extends monitoring beyond the Server Pack with applications, databases, web application environment, public cloud service monitoring and more.
	One license required per monitored operating system/server (Physical or Virtual).
	Includes:
	• All probes in the **Server Pack**
	• **Application probes:** ad_server, adevl, cloudstack, exchange_monitor, exchange_ur_reports, ica_server, lync_monitor, notes_server, ocs_monitor, pvs, sharepoint, websphere_mq, xendesktop, xenapp.
	• **Response time probes:** ad_response, email_response, ews_response, ica_response, jdbc_response, notes_response, sql_response.
	• **Public cloud service probes**: aws, azure, google_app_engine, google_apps, rackspace, salesforce, vcloud
	• **Web application environment probes:** apache, easerver, iis, jboss, jdbc_response, jmx, jvm_monitor, tomcat, weblogic, websphere
	• **Database probes:** db2, informix, mysql, oracle, oracle_logmon, sqlserver, sybase, sybase_rs
	• **Cisco Call Manager, Unified Communications and VOIP probes:** cisco_ucm, cisco_unity
	• **Cisco UCS:** cisco_ucs
	  o The Cisco UCS monitoring probe monitors the Cisco UCS series chassis and the physical and network elements within. CA UIM in a Cisco UCS environment requires sufficient server license entitlements to cover each USC blade.
	  o For example, a configuration of 1 Cisco UCS chassis with 12 blades requires 12 “Server and Application Pack” licenses.
	  o Note: This probe does not include detailed monitoring for server operating systems (physical servers or virtual) within the UCS chassis. Additional “Server Packs” and/or “Server and Application Packs” are required to gain this monitoring visibility.

Ping Pack	Network device status (up or down). Licensed per device monitored. Probes: icmp, net_connect.
Network Advanced Pack	Extends the Ping Pack with advanced alerting and reporting. Licensed per device monitored. Probes: cisco_monitor, cisco_nxos, cisco_qos, icmp, interface_traffic, net_connect, pollagent, saa_monitor, snmptoolkit, snmpget, snmp_collector.
Storage Pack	Provides monitoring of storage solutions – currently supporting EMC, NetApp, IBM and Hitachi storage solutions. Licensed per terabyte of storage. **Probes:** celerra, clariion, hitachi, ibm_svc, ibm-ds, ibm-ds4k, netapp, vmax.

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Packs	Probes included in Packs
Service Response Time Advanced Pack	Verifies network service availability and server responsiveness at the protocol level. **Probes**: dhcp_response, dns_response, ldap_response, ntp_response, url_response, webservicemon. Makes it possible for administrators to create and measure automated, synthetic transactions that consistently and repeatedly mirror actual end user interactions with a given IT service. **Probes**: e2e_appmon_dev and e2e_appmon Licensed by the number of CA UIM stations that response time tests are run FROM (i.e. if one CA UIM station is running a DNS response probe and another robot is running the LDAP response probe, this would be considered to be 2 stations – even though both may be located in the same data center/physical location).
SAP Pack	CA UIM for SAP is developed and maintained by AGENTIL, and utilizes our monitoring infrastructure and reporting to give customers a Unified view of SAP and datacenter performance. Pricing is calculated based on the TOTAL NUMBER OF SERVERS running ANY SAP technology to be monitored. **Probes**: sapbasis_agentil
Flow Analysis	CA UIM for Flow Analysis (NetFlow) collects and analyzes IP traffic information to help network administrators understand usage patterns, manage workloads and resources to improve service levels. Licensed per the number of FLOW ENABLED network devices to be monitored. **Probes**: flow
Big Data Pack	The UIM Big Data Pack currently includes a hadoop_monitor, cassandra_monitor, and mongodb_monitor probes. The CA UIM Hadoop probe is an agent based probe that allows for monitoring the availability and performance of a Hadoop cluster – including hosts, nodes (named, secondary), HDFS, Hive among other services. The probe along with other solution elements such as OOTB dashboards and USM views provides deep insight into Hadoop cluster performance

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Data Center Infrastructure Management / Power and Cooling Packs by FMA

Packs	Probes included in Packs
ecoMeter Floor Mounted Asset	CA UIM ecoMeter captures near real time data from the IT and building infrastructure to provide customers with a clear and comprehensive picture of power, cooling, energy use and other environmental variables. Priced per FMA (Floor Mounted Asset). Probes: ecometer, ecometerefficiencyreport, ecometertemplatebuilder.
CA Visual Infrastructure Floor Mounted Asset for CA UIM	CA Visual Infrastructure provides an integrated 3D interface to help users design and build racks located in the data centers. Using the library of developed stencils, users can recreate a representation of the actual racks and view both device and rack level data related to weight, power consumption, heat dissipation or available space. Priced per FMA (Floor Mounted Asset). **Probes:** Requires an external software installation/configuration.
DCIM Bundle Floor Mounted Asset	A convenient bundling of the above two Packs that allow customers to both monitor the power and cooling of their data center in addition to the data center planning capabilities of CA Visual Infrastructure. Priced per FMA (Floor Mounted Asset). **Probes**: ecometer, ecometerefficiencyreport, ecometertemplatebuilder. Will additional requires an external software installation/configuration for CA Visual Infrastructure.

Data Center Infrastructure Management / Power and Cooling Packs by Megawatts

Packs	Probes included in Packs
ecoMeter Megawatt Capacity	CA UIM ecoMeter captures near real time data from the IT and building infrastructure to provide customers with a clear and comprehensive picture of power, cooling, energy use and other environmental variables. Priced per Megawatt (the maximum capacity in the data center, not power consumed. Multiple data centers can be combined). **Probes**: ecometer, ecometerefficiencyreport, ecometertemplatebuilder.
CA Visual Infrastructure Megawatt Capacity for CA UIM	CA Visual Infrastructure provides an integrated 3D interface to help users design and build racks located in the data centers. Using the library of developed stencils, users can recreate a representation of the actual racks and view both device and rack level data related to weight, power consumption, heat dissipation or available space. Priced per Megawatt (the maximum capacity in the data center, not power consumed. Multiple data centers can be combined). **Probes:** Requires an external software installation/configuration.

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Packs	Probes included in Packs
DCIM Bundle Megawatt Capacity	A convenient bundling of the above two Packs that allow customers to both monitor the power and cooling of their data center in addition to the data center planning capabilities of CA Visual Infrastructure. Priced per Megawatt (the maximum capacity in the data center, not power consumed. Multiple data centers can be combined). **Probes:** ecometer, ecometerefficiencyreport, ecometertemplatebuilder. Will additional requires an external software installation/configuration for CA Visual Infrastructure.

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Probes by Functional Area

Applications

CA Unified Infrastructure Management Application probes enables users to determine whether applications are up and responsive - before an end user is even aware that a problem exists. Application monitoring is a common systems requirement, especially for revenue-generating production environments. Most administrators understand the need for application monitoring. Infrastructure teams, in fact, typically monitor the basic health of application servers by keeping an eye on CPU utilization, throughput, memory usage and the like. However, there are many parts to an application server environment, and understanding which metrics to monitor for each of these pieces differentiates those environments that can effectively anticipate production problems from those that might get overwhelmed by them. Benefits include:

- Improved access to critical data needed on a daily basis
- Increased application availability
- Maintain expected level of service for all applications
- Increased understanding of application use
- Improved work flow balance among applications

Probe Name	Pack	Description	Agent or Agentless
apache	Server and Application Pack	Probe for remote monitoring of Apache HTTP servers.	Agentless (can also be run on agent)
cisco_ucm	Server and Application Pack	Manages the health and performance of your Call Manager systems and services. The probe is able to monitor all performance counters and services (checkpoints) available on defined agents running the Cisco Unified CallManager.	Agentless
cisco_unity	Server and Application Pack	The cisco_unity probe is a tool for managing the health and performance of your Unity systems and services.	Agentless
iis	Server and Application Pack	Monitors Microsoft IIS servers.	Agentless (can also be run on agent)

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Probe Name	Pack	Description	Agent or Agentless
ica_response	Server and Application Pack	Citrix Client Response Probe.	Agentless
ica_response_For_11.xClient	Server and Application Pack	Citrix Client Response Probe.	Agentless
ica_server	Server and Application Pack	Use this probe to configure either a set of users that will **not** be logged off automatically in disconnected state or a specified set of users that will be logged off automatically in disconnected state	Agent based
jboss	Server and Application Pack	Monitors JBoss Application Servers utilizing the JMX (jsr160) interface.	Agentless (can also be run on agent)
jvm_monitor	Server and Application Pack	The CA UIM jvm_monitor probe has the capability of handling all common monitoring and data collection tasks on JMX enabled JVM (SE5.0 or higher) applications.	Agentless (can also be run on agent)
jmx	Server and Application Pack	The jmx probe is capable of listing and extracting data from all MBeans, both configuration and runtime MBeans. The jmx probe will on a user-defined interval collect data from the WebLogic Server based on user-defined profiles.	Agentless (can also be run on agent)
easerver	Server and Application Pack	The EAServer monitoring probe has the capability of handling all common monitoring and data collection tasks on Sybase EAServer.	Agent based
ecometer	ecoMeter Pack	CA UIM ecoMeter captures near real time data from the IT and building infrastructure to provide customers with a clear and comprehensive picture	Agentless

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Probe Name	Pack	Description	Agent or Agentless
		of power, cooling, energy use and other environmental variables.	
ews_response	Server and Application Pack	This probe tests Exchange Server mail response times by sending test e-mail messages and reading a mailbox. This version is based on Exchange web service APIs available with only Microsoft Exchange 2007 SP1, 2010 and 2010 SP1 versions.	Agentless
lync_monitor	Server and Application Pack	The lync_monitor probe monitors the health and performance of Microsoft Lync Server 2010 by gathering information about the performance of the server and the audio and video quality of network media.	Agent based
notes_server	Server and Application Pack	Monitors Lotus Notes servers.	Agentless (can also be run on agent)
notes_response	Server and Application Pack	Monitors Notes servers from the client perspective. Alarm messages can be generated on availability, failover situations and response times.	Agentless (can also be run on agent)
ocs_monitor	Server and Application Pack	Monitors the health and performance of Microsoft Office Communications Server by gathering information about the audio and video quality of network media. Additionally, the probe collects usage information (CDR) about Office Communications Server, which helps you to calculate the return on investment of your deployment and also enables you to plan future growth of your deployment.	Agentless (can also be run on agent)

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Probe Name	Pack	Description	Agent or Agentless
sapbasis_agentil	SAP Pack	CA UIM for SAP is developed and maintained by AGENTIL, and utilizes our monitoring infrastructure and reporting to give customers a Unified view of SAP and datacenter performance.	Agentless
sharepoint	Server and Application Pack	Probe for monitoring of Microsoft Sharepoint Server (both Sharepoint Services and Microsoft Office Sharepoint Server).	Agentless (can also be run on agent)
tomcat	Server and Application Pack	Monitors Apache Tomcat servers via JMX interface (jsr160). Apache Tomcat is the servlet container that is used in the official Reference Implementation for the Java Servlet and JavaServer Pages technologies.	Agentless (can also be run on agent)
weblogic	Server and Application Pack	The WebLogic monitoring probe has the capability to handle all the common monitoring and data collection tasks on WebLogic Servers.	Agentless (can also be run on agent)
websphere	Server and Application Pack	The Websphere monitoring probe has the capability of handling all common monitoring and data collection tasks on IBM WebSphere Application Servers.	Agentless (can also be run on agent)
websphere_mq	Server and Application Pack	The websphere_mq probe monitors Queue Manager, Queue and Channel on an IBM MQ Series system.	Agent based

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Cisco UCS

The Cisco Unified Computing System is a next-generation data center platform that unites computing, networking, storage access, and virtualization into a cohesive system designed to reduce total cost of ownership (TCO) and increase business agility. Given the integrated, centralized role of Cisco servers in organizations today, ensuring optimal performance and availability of these systems is a critical mandate. To track and optimize performance of these systems, administrators need correlated, unified monitoring coverage. The benefits include:

- Improved SLA compliance
- Eliminates manual configuration
- Unified visibility into Cisco server performance
- Improved performance uptime
- Enhanced resource optimization

Probe Name	Pack	Description	Agent or Agentless
cisco_ucs	Server and Application Pack	This probe is a remote monitoring probe for Cisco UCS chassis series server blades system. Monitoring availability metrics in terms of server blades present and their status and environmental metrics in terms of temperature, power, current of various parts of the UCS chassis	Agentless
cisco_ucs_migration	Server and Application Pack	Administrative/maintenance update for customers using an older version of the cisco_ucs probe.	Agentless
cisco_nxos	Network Advanced Pack	The CA UIM Cisco NXOS probe monitors Cisco NX/MDS devices.	Agentless

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Cloud/SaaS

Cloud servers come and go and change with dynamic resource prioritization. It is not feasible, practical, or scalable to provisioning multiple monitoring solutions for each type of cloud environment. Adding another specialized one-off cloud monitoring tool has its own complications and increases the complexity. IT Operations teams responsible for deploying and managing private, public, or hybrid clouds need to be able to assimilate cloud technologies into their standard IT monitoring processes. They need a unified, comprehensive view of all of their physical, virtual, and cloud resources in order to support service delivery.

Cloud/SaaS probes include complete monitoring environments for those building a public or private cloud as well as specific monitoring elements to monitor instances in cloud services such as Amazon, Rackspace, and Salesforce. The probes automates all common monitoring and data collection tasks, and lets the customer focus on problems as they arise. The benefits include:

- Unified, comprehensive approach to entire cloud infrastructure
- Improved service delivery
- Boost implementation reliability through improved visibility
- Streamline monitoring reporting and administration
- Improved operations

Probe Name	Pack	Description	Agent or Agentless
aws	Server and Application Pack	Probe that uses CloudWatch and other techniques to monitor Amazon Web Service Status, CloudWatch and EC2 and S3.	Agentless
azure	Server and Application Pack	With CA UIM for Windows Azure, customers can automatically discover and monitor any number of Windows Azure role instances, including dynamic scaling.	Agentless
cloudstack	Server and Application Pack	The cloudstack probe automates all common monitoring and data collection tasks for the Citrix Cloud Platform Powered by Apache CloudStack (Citrix Cloud Platform and Apache CloudStack). The probe collects and stores data about zones, pods, clusters, hosts, storage, logs,	Agentless

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Probe Name	Pack	Description	Agent or Agentless
		and VMs. You can define alert thresholds and performance collection properties.	
google_app_engine	Server and Application Pack	The GAE probe is capable of gathering and alarming on the Google-published runtime and subsystem status from http://code.google.com/status/appengine. The GAE probe is also capable of directly measuring the performance of the Java runtime and all subsystems through the use of the CA UIM GAE Plugin (NGaeP).	Agentless
google_apps	Server and Application Pack	The google_apps probe is capable of gathering and alarming on the Google-published application status, available from http://www.google.com/appsstatus. The google_apps probe is also capable of measuring and alarming on aspects of a specific domain. Google provides a set of domain reports from which the probe gathers metrics. The probe is also capable of performing various end-user operations, like creating a document, and measuring the latency of the operation.	Agentless
rackspace	Server and Application Pack	Monitors Rackspace IaaS offerings called Cloud Servers and Cloud Files (storage) integrated with the Limelight content delivery network (CDN). Rackspace Customers who provision computing infrastructure to meet their individual computing requirements now can measure performance of the cloud computing including server usage, deployment efficiencies, latencies, disk usage, file upload/download bandwidths as well as real-time cost of cloud resources	Agentless

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Probe Name	Pack	Description	Agent or Agentless
		running their business on the Rackspace cloud.	
salesforce	Server and Application Pack	Probe for monitoring Salesforce availability and response times.	Agentless

Databases

The database probes monitor databases, associated applications and user transactions to ensure high throughput and peak performance. The benefits include:

- No losses caused by undetected database failures
- Provide reliable access to databases
- Ensure database performance
- Improved customer satisfaction

Probe Name	Pack	Description	Agent or Agentless
cassandra_monitor	Big Data Pack	The Cassandra Monitoring (cassandra_monitor) probe constantly monitors the internal performance and resource usage throughout a node in a Cassandra cluster	Agent based
db2	Server and Application Pack	Monitor IBMs DB2 UDB.	Agent based
hadoop_monitor	Big Data	CA UIM Hadoop probe is an agent based probe that allows for monitoring the availability and performance of a Hadoop cluster – including hosts, nodes (named, secondary), HDFS, Hive among other services. The probe along with other solution elements such as OOTB dashboards and USM views provides deep insight into Hadoop cluster performance	Agent based

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Probe Name	Pack	Description	Agent or Agentless
informix	Server and Application Pack	Probe for the IBM Informix database.	Agentless (can also be run on agent)
jdbc_response	Server and Application Pack	Probe for issuing custom SQL statements against database servers utilizing the JDBC client interface for the purpose of measuring response time and data gathering.	Agentless (can also be run on agent)
mongodb_monitor	Big Data Pack	The mongodb_monitor (MongoDB Monitoring) probe constantly monitors the internal performance and resource usage throughout a node in a MongoDB cluster.	Agent based
mysql	Server and Application Pack	MySQL database application server monitoring.	Agentless (can also be run on agent)
oracle	Server and Application Pack	This probe will run selected SQL statements to extract vital information about your Oracle servers. The information is presented to the database administrator as alarms and/or as a report.	Agentless (can also be run on agent)
oracle_logmon	Server and Application Pack	This package is an extension to the logmon probe. It contains predefined watcher definitions for monitoring the Oracle Alert Log.	Agent based
sqlserver	Server and Application Pack	The SQL Server Monitoring Probe constantly monitors the internal performance and space allocation throughout the SQL Server database and feeds essential information based on pre-defined criteria.	Agentless (can also be run on agent)

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Probe Name	Pack	Description	Agent or Agentless
sql_response	Server and Application Pack	The sql_response probe executes SQL queries, using ADO or ODBC connectivity, and evaluates its response time, number of returned rows and returned value.	Agentless (can also be run on agent)
sybase	Server and Application Pack	The Sybase probe will run selected SQL's to extract vital information about your Sybase servers.	Agentless (can also be run on agent)
sybase_rs	Server and Application Pack	Monitors the Sybase Replication Servers.	Agentless (can also be run on agent)

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Response Time Monitoring

Sophisticated networks require more rigorous monitoring than a simple "ping" to determine latency. Minimally, monitoring should also verify that core services such as DNS, DHCP, NTP, and LDAP are available and performing well for all of your users. The Response Time Monitoring Probes focus on gaining accurate response time information from all of critical locations to improve visibility into future capacity issues because of overburdened services. Benefits include:

- Improved user experience
- Enhanced brand perception
- Better Search Engine rankings
- Reduce website bounce rate
- Make website more accessible
- Improve network availability
- Better visibility into future capacity issues

Probe Name	Pack	Description	Agent or Agentless
dns_response	Service Response Time Advanced Pack	The dns_response probe queries your Domain Name Server and monitors the response times. It is possible to query the DNS looking for A records (normal hostnames), MX records (mail servers) and NS records (name servers).	Agentless
sqlserver	Server and Application Pack	The SQL Server Monitoring Probe constantly monitors the internal performance and space allocation throughout the SQL Server database and feeds essential information based on pre-defined criteria.	Agentless (can also be run on agent)
sqlserver	Server and Application Pack	The SQL Server Monitoring Probe constantly monitors the internal performance and space allocation throughout the SQL Server database and feeds essential information based on pre-defined criteria.	Agentless (can also be run on agent)

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Probe Name	Pack	Description	Agent or Agentless
ntp_response	Service Response Time Advanced Pack	This probe tests Network Time Protocol response by sending requesting status information from the NTP server, or in the case of an SNTP server, requesting the current time. Alarm messages can be generated based on response time and state of the NTP server.	Agentless (can also be run on agent)
e2e_appmon_dev	Service Response Time Advanced Pack	The E2E Application Response Monitoring Probe (Developer Edition) is used to create customized NimRecorder scripts. Individual transactions can be timed and Quality of Service (QoS) messages can be sent from the script, as well as the total run time as measured by the probe itself. Finished scripts can be run by the e2e_appmon probe.	Agentless
e2e_appmon	Service Response Time Advanced Pack	The E2E Application Response Monitoring Probe will run pre-compiled NimRecorder scripts. Individual transactions can be timed and Quality of Service (QoS) messages can be sent from the script, as well as the total run time as measured by the probe itself.	Agentless
url_response	Service Response Time Advanced Pack	The url_response probe will monitor URL's for the time it takes to download the page, as well as having the capability to perform comparison checks on the page-contents. It supports proxies and user authentication. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.	Agentless (can also be run on agent)

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Probe Name	Pack	Description	Agent or Agentless
webservicemon	Service Response Time Advanced Pack	The webservicemon probe monitors the status of web services, including the ability to monitor responsiveness, status codes, SSL certificates and response validation.	Agentless

Email/Directory Servers

- Improved communications
- Determine why bandwidth is being used
- Keep employees with corporate communications policy compliance
- Help ensure employees focus on business and personal email
- Protect intellectual property

Probe Name	Pack	Description	Agent or Agentless
ad_response	Server and Application Pack	Active Directory Response Monitoring Probe.	Agentless (can also be run on agent)
ad_server	Server and Application Pack	Active Directory Server Probe.	Agent based
adevl	Server and Application Pack	Monitor Active Directly Event Logs.	Agent based
email_response	Server and Application Pack	This probe tests internet mail response by sending mail messages and reading a mailbox, using SMTP and pop3/imap.	Agentless
exchange_monitor	Server and Application Pack	This probe looks at a set of parameters on your Exchange Server to check its health. Alarm messages can be generated based on the values of the parameters being checked. Qualities of Service messages are generated on a set of performance related statistics.	Agent based

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Probe Name	Pack	Description	Agent or Agentless
ews_response	Server and Application Pack	This probe tests Exchange Server mail response times by sending test e-mail messages and reading a mailbox. This version is based on Exchange web service APIs available with only Microsoft Exchange 2007 SP1, 2010 and 2010 SP1	Agentless

Gateways

The gateway probes allow you to convert packets from one protocol to another; convert commands and/or data from one format to another; convert messages from one mail format to another; or act as a go-between for two or more networks that use the same protocols.

- Improved service levels
- Increased system availability
- Costs reduction
- Decreased operating costs
- Improved security

Probe Name	Pack	Description	Agent or Agentless
adogtw	Base Infrastructure	This Gateway reads data from tables using user defined SQL statements and post messages and alarms into CA UIM.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
ARCserve_D2D	Base Infrastructure	The CA ARCserve D2D probe sends the CA ARCserve D2D alerts and backup job status to CA UIM, where you can view the alerts within the CA UIM Unified Management Portal (UMP). You can also run CA ARCserve D2D commands such as full backup, incremental backup, and verify backup using the CA UIM Probe utility.	Agent
ARCserve_RHA	Base Infrastructure	The CA ARCserve RHA probe sends to CA UIM. You can view these events as alerts within the CA UIM Unified Management Portal (UMP).	Agent
casdgtw	Base Infrastructure	CA Service Desk Gateway.	Agentless
cmdbgtw	Base Infrastructure	Provides fast and convenient access to data residing in a CA UIM SLM database. The cmdbgtw probe is capable of exporting data from any table or set of tables. Data can be exported in either XML or CSV interchange formats. Exported data is written to files in a user-chosen location.	n/a
cuegtw	Base Infrastructure	The cuegtw probe integrates the alarms from an instance of CA UIM to an instance of CA UIM Cloud User Experience Monitor (another CA product that monitors public websites from remote monitoring locations around the globe).	Agentless

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Probe Name	Pack	Description	Agent or Agentless
emailgtw	Base Infrastructure	The emailgtw probe receives messages with the subject EMAIL and sends them over the SMTP protocol. The CA UIM Alarm Server (nas) can be set up to send alarms to the emailgtw probe.	n/a
file_adapter	Base Infrastructure	The file_adapter probe monitors the files defined in the profiles and when one of the files appears it will be read and produce one QoS message per row. The QoS message is formatted according to the profile defined for that file. When the file has been processed it will be deleted and the probe is ready for a new data file.	Agent based
hpsmgtw	Base Infrastructure	The hpsmgtw probe is used to generate an incident in the HP Service Manager (HPSM). The incident is generated when the CA UIM alarm is assigned to the designated HPSM user.	n/a
jdbcgtw	Base Infrastructure	The JDBC Gateway probe is a database gateway between CA UIM and a database. The Gateway reads data from tables using user-defined SQL statements and posts messages and alarms on the CA UIM bus.	n/a
nsdgtw	Base Infrastructure	The nsdgtw probe is a gateway between CA UIM and CA UIM Service Desk. If an alarm is assigned to the user specified in the probe's setup, the alarm is entered as a Service Desk incident.	n/a

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Probe Name	Pack	Description	Agent or Agentless
ovnnm	Base Infrastructure	The ovnnm Probe is a gateway between CA UIM and HP OpenView NNM. CA UIM Alarms are represented by dynamically created objects which can be used in Business Process Views.	n/a
remedygtw	Base Infrastructure	This probe acts as a gateway for alarms into Remedy ARS.	n/a
smsgtw	Base Infrastructure	The GSM/SMS Gateway provides a means to send alerts/ messages over the GSM digital cellular telephone networks.	n/a
sngtw	Base Infrastructure	The sngtw probe is a gateway between CA UIM and Service-Now. The probe works by subscribing to alarm assignments. If an alarm is assigned to the user specified in the probe's Setup the alarm is entered as a Service Desk incident.	n/a
snmpgtw	Base Infrastructure	Converts CA UIM alarm messages to SNMP Trap messages readable by any SNMP based event manager. A predefined set of profiles exist for transforming the CA UIM alarm message to some well-known event managers, like HP-OpenView, CA Unicenter-TNG, and BMC CommandPost.	n/a
snmptd	Base Infrastructure	Receives and converts SNMP traps into CA UIM alarms.	n/a
sysloggtw	Base Infrastructure	Converts syslog messages from external devices into CA UIM alarms.	Agentless

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HA & Clusters

It's all about uptime and computers are no different. As we use computer systems for processing large amount of data and operating various types of critical services, continuity of access to these resources is a priority. A downtime caused by hardware failure may generate a huge loss for our businesses, or in a worst case scenario, even cost someone's health or life. To ensure uptime you need to monitor the entire infrastructure which means the clusters.

- Minimize data corruption
- Improved availability
- Reduced risk
- Increased reliability
- Ensure business continuity

Probe Name	Pack	Description	Agent or Agentless
ha	Base Infrastructure	The HA probe allows you to manages queues, probes and the NAS Auto-Operator in a high availability setup. The probe runs on the standby Hub. If it loses contact with the primary Hub it initiates a failover after a defined interval. When the primary Hub comes back online the probe will reverse the failover.	n/a

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IBM iSeries/AS400

- Increased application visibility
- Accelerated problem identification and resolution
- Improved business productivity
- Proactive notifications help business service managers prevent SLA compliance breaches

Probe Name	Pack	Description	Agent or Agentless
diskstat	Server Pack	The diskstat probe monitors disks on the iSeries system. Alarm messages and performance metrics can be generated on a number of disk properties.	Agent based
fetchmsg	Server Pack	The Message Probe for iSeries monitors the message queue. The probe detects all messages on the queue, easily configures the probe to generate alarm messages when critical situations occur. The probe enables handling of messages requiring operator response on the iSeries system.	Agent based
jobqs	Server Pack	The jobqs probe monitors job queues in the iSeries system. Alarm messages can be generated when specific job queues are running, not running or appear in a specific number of instances. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.	Agent based

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Probe Name	Pack	Description	Agent or Agentless
jobs	Server Pack	The jobs probe monitors jobs in the iSeries system. Alarm messages can be generated when specific jobs are running, not running or appear in a specific number of instances. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.	Agent based
jobsched	Server Pack	The jobsched probe monitors scheduled jobs in the iSeries system. Alarm messages can be generated for scheduled jobs which do not get the expected status, have not been run or use too much time to run. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.	Agent based
Journal	Server Pack	The journal probe monitors the journal messages on the iSeries (AS/400) computer hosting the probe. The QAUDJRN journal is configured to be monitored, and additional journals may be specified for monitoring.	Agent based
outqs	Server Pack	The outqs probe monitors output queues in the iSeries system. Alarm messages can be generated there are too many entries in the output queue. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.	Agent based

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Probe Name	Pack	Description	Agent or Agentless
History	Server Pack	The history probe monitors history messages from the QHST logs on iSeries (AS/400) computers hosting the probe. The probe will automatically detect when new logs are created and will detect new messages as they are written to the log files.	Agent based
sysstat	Server Pack	This probe monitors the iSeries systems statistics. Alarm messages can be generated on current variable values. Quality of Service messages directed towards the CA UIM SLA (Service Level Agreement) family can be generated on all variables.	Agent based

Mainframe

CA Unified Infrastructure Management for z Systems is a set of probes that provide comprehensive end-to-end infrastructure visibility of business services that span mobile-to-mainframe environments. With this expanded visibility, you can now manage z Systems as part of the overall IT infrastructure from a single pain of glass, reducing the need for specialized tools and expertise. IT operators can use the rich functionality of CA UIM to easily monitor mainframe system performance, enabling your IT organization to react more quickly when thresholds are exceeded to increase customer satisfaction, reduce MTTR and lower overall costs.

Probe Name	Pack	Description	Agent or Agentless
zops	N/A	CA UIM Operations for z Systems probe feeds metrics data from the z/OS operating system into CA UIM such as Sysplex images, LPARs, z/OS instances, Started tasks, System tasks, and channel I/O.	Agent and Agentless

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Probe Name	Pack	Description	Agent or Agentless
zstorage	N/A	CA UIM Storage for z Systems e probe feeds metrics data for the mainframe storage environment into CA UIM such as DASD, HFS and NFS mount points and Fibre Channel ports	Agent and Agentless
zvm	N/A	CA UIM z/VM for systems exposes probe feeds metrics data from the mainframe z/VM hypervisor into CA UIM such as System CPU, Guest CPU, page volume, spool volume, wait states. It also provides metrics data related to guests running on z/VM such as total CPU, Resident Memory, Working Set, Page Read and Page Writes.	Agent and Agentless

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Network

CA UIM maximizes network availability and optimizes performance by eliminating the noise affecting the network. The unified network monitoring system automates network device information collection, including identification and tracking of business-critical trends and key performance indicators for the entire heterogeneous network both inside and outside the data center. The network probes provide complete network visibility, allowing the user to maintain the highest levels of business service quality

- Unified platform solution
- Maximize availability
- Optimize performance
- Increase efficiency
- Reduce costs
- Minimize downtime
- Bandwidth control

Probe Name	Pack	Description	Agent or Agentless
cisco_monitor	Network Advanced Pack	Monitor critical Cisco SNMP objects via SNMP.	Agentless
cisco_qos	Network Advanced Pack	Probe for monitoring Cisco devices supporting the Cisco Class-Based QoS MIB (cbQoS) using SNMPv1/2c/3.	Agentless
cisco_nxos	Network Advanced Pack	Monitors Cisco NX/MDS devices.	Agentless
icmp	Ping Pack & Network Advanced Pack	The icmp (Internet Control Message Protocol Ping) probe tests network connectivity using ping and generates Quality of Service (QoS) messages based on the response data.	
interface_traffic	Network Advanced Pack	Monitor network interface traffic.	

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Probe Name	Pack	Description	Agent or Agentless
net_connect	Server Pack, Ping Pack, Network Advanced Pack	The net_connect probe measures network connectivity based on 'ping' (ICMP ECHO) and TCP connections to a list of user-defined services such as NetBIOS, telnet, ftp, http etc. The probe supports the SLM product-line by sending Quality of Service (QoS) messages.	
net_traffic	Server Pack	The net_traffic probe measures the network bandwidth usage in terms of packets per second, and bytes per second. You may profile the network usage by defining your own profiles containing criteria such as source, destination (host/network) addresses and port/service information. It is now simple to monitor the actual bandwidth usage of e.g. NetBIOS, web-usage, etc.	
snmpcollector	Network Advanced Pack	This probe provides next generation SNMP collection capabilities within CA UIM, supporting metric families and other new device level monitoring features. This probe is new as of June/July 2013.	
pollagent	Network Advanced Pack	Probe that enables SNMPCollector Functionality.	
snmptoolkit	Network Advanced Pack	Enables SNMP monitoring for any SNMP enabled device, with the specific ability to create monitoring templates for Table/index heavy SNMP MIBS.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
saa_monitor	Network Advanced Pack	Monitors Cisco devices supporting the Service Assurance Agent (SAA), also called IPSLA. It enables the user to create and maintain IPSLA/SAA probes on the Cisco devices.	Agentless
flow	Flow Analysis Pack	CA UIM for Flow Analysis (NetFlow) collects and analyzes IP traffic information to help network administrators understand usage patterns, manage workloads and resources to improve service levels.	Agentless (requires specific configuration)

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Server

Monitors system resources like CPU Usage, Memory Consumption, I/O, Network, Disk Usage, Process etc. Server Monitoring helps the user understand system's resource usage which can help better manage capacity planning and provide a better end-user experience.

- Identify IT system failures on the spot
- Minimize business disruption
- Lower risk of IT System damage
- Reduce cost of expensive remedial IT support
- Early warnings about technical issues
- Improved customer satisfaction

Probe Name	Pack	Description	Agent or Agentless
fsmounts	Server Pack	The File Systems Mounts Monitoring Probe will monitor which file systems are mounted, and raise alarms when there are mismatches between what is currently mounted and what is configured on the system.	Agent based
iostat	Server Pack	Probe collects disk activity statistics and metrics from the iostat command on Solaris, Linux and AIX servers.	Agent based
ntevl	Server Pack	The Windows NT event log watcher probe generates alerts based on messages from the Windows event logs.	Agent based
ntperf	Server Pack	The performance collector probe can monitor performance counters on Windows NT. Alarms can be sent on unexpected values and quality of service messages can be generated.	Agent based
ntservices	Server Pack	The Windows NT services watcher probe monitors the Windows NT services. It can report services not in the expected state and optionally start or stop them.	Agent based

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Storage

The storage probes provide events, alarms, performance data, displays, workflow and correlation features that allow you to rapidly identify and correct storage related outages; prevent problems before they happen by applying intelligent threshold and metrics; optimize storage allocations by tracking storage usage and relating usage to systems, business services, and customers; and automatically identify, configure, and deploy IT monitoring for storage components and elements.

- Monitor storage changes
- Avoid downtime
- Maintain regulatory compliance
- Total visibility
- Cost savings

Probe Name	Pack	Description	Agent or Agentless
clariion	Storage Pack	A remote monitoring probe that monitors EMC Clariion CX4 Storage systems using Navisphere CLI providing extensive availability and performance metrics.	Agentless
celerra	Storage Pack	This probe is a remote monitoring probe that monitors EMC Celerra Storage system providing extensive availability and performance metrics.	Agentless
vmax	Storage Pack	The vmax probe monitors EMC Symmetrix Vmax storage systems. Vmax probe uses Solutions Enabler CLI to collect configuration and performance metrics from the Vmax systems. The probe reports inventory of various items that are configured within Vmax system and their relationships to other elements.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
netapp	Storage Pack	The NetApp probe uses SNMP to communicate with storage arrays. The probe transparently handles discovering local as well as remote NetApp systems using SNMP. The probe runs specific SNMP queries and extracts the important information from the devices.	Agentless
ibm-ds/ibm_ds4k	Storage Pack	The ibm-ds/ibm_ds4k monitoring probes have the capability of handling all common monitoring and data collection tasks on IBM DS3xxx and IBM DS4xxx storage arrays.	Agentless
ibm_svc	Storage Pack	The ibm_svc probe handles all common monitoring and data collection tasks for IBM SAN Volume Controller. The probe uses an SMI-S interface, CLI and SCP to collect comprehensive metrics about cluster, IO Groups, nodes, mdisk, vdisk, pool and more.	Agentless
hitachi	Storage Pack	The Hitachi probe monitors Hitachi USP-V and USP-VM Series disk storage systems. The probe uses the SMI-S interface to collect comprehensive metrics about storage arrays, pools, LUNs, disks and more.	Agentless

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System

The system probes point to computer systems and collect data metrics.

- Early warning system to alert you to problems
- Maximum availability
- Minimum downtime
- Improved business continuity
- Lower operational costs
- Improved user productivity

Probe Name	Pack	Description	Agent or Agentless
cdm	Server Pack	CPU, disk, and memory monitor.	Agent based
dirscan	Server Pack	The file and directory checking probe monitors files in specific directories. Alarms can be sent on number of files, age of files and space used by files.	Agent based
logmon	Server Pack	The Log file Monitoring Probe will scan ASCII based log files and look for essential information in system- and application log files automatically.	Agent based
nexec	Server Pack	The purpose of this probe is to enable the CA UIM Alarm operator to execute a defined set of commands on a remote computer.	Agent based
perfmon	Server Pack	The Performance Monitoring Probe remotely fetches performance counter values from a set of Windows computers and makes these available for use by the cisco_unity and exchange_monitor probes. It is deployed automatically when one of these probes are deployed.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
printers	Server Pack	The printer monitoring probe monitors printers defined on the computer. Remote printers are included when a user name/password is supplied for listing these.	Agentless
processes	Server Pack	The process watcher probe monitors processes and windows owned by the processes to detect error situations.	Agent based
reboot	Server Pack	When started, this timed probe checks its configuration to determine if a reboot is needed and performs the reboot. Robots include hdb, spooler, and controller	Agent based
rsp	Server Pack	The Remote System Probe allows you to monitor system metrics and collect performance data in an agentless manner without having to install proprietary software on the system. The probe gathers statistics on CPU utilization, disk and memory usage.	Agentless
tcp_proxy	Base Infrastructure	A management probe that makes it possible to set up proxy connections to a set of defined TCP services, either locally or through an SSL tunnel. For example, this can be used to set up a Remote Desktop connection through a Firewall.	n/a
Xmlparser	Server and Application Pack	Utility probe for parsing of XML documents using xpath statements. The probe can take input from several sources, return result set to source for further processing or generate alarms and QOS data directly from the probe	Agentless

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Virtualization

Virtualization is inherently complex and fluid, with VMs being started and stopped, moved for availability, and dependent on underlying physical infrastructure. The virtualization probes deliver the intelligence needed to ensure monitoring continuity; automatically correlate physical and virtual resources; and automatically configure, deploy, and display monitoring for virtual infrastructure.

- Optimize performance
- Maximize integration across all layers of monitoring
- Automate discovery and configuration
- Eliminate need for multiple monitoring solutions

Probe Name	Pack	Description	Agent or Agentless
applogic_mon	Base Infrastructure	The “applogic_mon” monitoring probe offers comprehensive monitoring of AppLogic Applications via the AppLogic MON Appliance APIs. The probe performs all discovery, monitoring and data collection tasks on one or more MON Appliance targets.	Agentless
applogic_ws	Base Infrastructure	The applogic_ws monitoring probe offers comprehensive monitoring of AppLogic Platform Grids via the AppLogic WS_API Appliance interface. The probe performs all discovery, monitoring and data collection tasks on one or more AppLogic Grid targets.	Agentless
hyperv	Server Pack	The CA UIM hyperv probe has the capability of handling all common monitoring and data collection tasks for Microsoft Hyper-V Servers. The probe collects and stores data and information from the monitored system at customizable intervals.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
ibmvm	Server Pack	CA UIM for IBM Virtualization Probe will help customers monitoring health and performance of IBM PowerVM virtualization solution. PowerVM is the family of technologies, capabilities and offerings that deliver industry-leading virtualization on IBM POWER processor-based systems. With PowerVM, one can employ virtualization in many ways to achieve improvements in efficiency and flexibility.	Agentless
rhev	Server Pack	The rhev probe performs all discovery, monitoring and data collection tasks on one or more RHEV environments. The probe collects and stores information from the monitored RHEV environments including Data Centers, Host and VMs with various capacity and performance data at customizable intervals. You can select various metrics to be monitored and stored to perform trending analysis and diagnosing any related issues.	Agentless
vcloud	Server and Application Pack	The vcloud probe monitors virtual data centers, vCloud Director resources and ESX environments. vApp networks and VLAN IDs and associated metrics can also be monitored with this probe.	Agentless
vmware	Server Pack	The CA UIM VMware monitoring probe has the capability of handling all the common monitoring and data collection tasks on VMware VC/ESX Servers. The probe collects and stores data and information from the monitored system at customizable intervals.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
xendesktop	Server and Application Pack	The xendesktop probe monitors the health, utilization, and performance of Citrix XenDesktop based Virtual Desktop Infrastructure (VDI) environments. The probe automatically discovers virtual XenDesktops, as well as hypervisor virtual machines that power the virtual desktops that may be using VMware vSphere, Xenserver or hyper-v virtualization technologies. The probe communicates with the XenDesktop VDI environment via PowerShell commands and extracts key information for real-time monitoring.	Agentless
pvs	Server and Application Pack	The CA UIM pvs probe monitors the health, utilization, and performance of Citrix provisioning services based Virtual Desktop Infrastructure (VDI) environments. The pvs probe performs comprehensive monitoring and data collection for various aspects of the Citrix provisioning services. The probe automatically discovers virtual desktops, as well as hypervisor virtual machines that power the virtual desktops that may be using VMware vSphere, Xenserver or hyper-v virtualization technologies.	Agentless
xenserver	Server Pack	The xenserver probe will monitor the health and performance of Virtualization solutions based on the XenServer open source project. XenServer Overview Server Virtualization with the XenServer Hypervisor.	Agentless

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Probe Name	Pack	Description	Agent or Agentless
xenapp	Server and Application Pack	The xenapp probe can acts as a virtual user, exercising published applications and providing preemptive service level monitoring. The probe will remotely execute and measure the time required to open a Citrix ICA session, login to an application and conduct any transaction.	Agentless
zones	Server Pack	The CA UIM zones probe monitors the health and performance of Solaris Zones virtualization enabled systems. The probe collects and stores data and information from the monitored host system at customizable intervals.	Agentless

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Data Center Infrastructure Management / Power and Cooling

The database probes monitor databases, associated applications and user transactions to ensure high throughput and peak performance

- No losses caused by undetected database failures
- Provide reliable access to databases
- Ensure database performance
- Improved customer satisfaction

Probe Name	Pack	Description	Agent or Agentless
ecometer	ecoMeter Floor Mounted Asset / DCIM Bundle Floor Mounted Asset / ecoMeter Megawatt Capacity / DCIM Bundle Megawatt Capacity	The ecoMeter Probe collects and monitors power and cooling data from devices through various protocols (SNMP, Modbus, BACnet, and EnergyWise).	Agentless
ecometerefficiencyreport	ecoMeter Floor Mounted Asset / DCIM Bundle Floor Mounted Asset / ecoMeter Megawatt Capacity / DCIM Bundle Megawatt Capacity	This is a UMP portlet that displays power efficiency metrics for servers and storage devices that are polled by the CA ecoMeter Probe.	n/a

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Probe Name	Pack	Description	Agent or Agentless
ecometertemplatebuilder	ecoMeter Floor Mounted Asset / DCIM Bundle Floor Mounted Asset / ecoMeter Megawatt Capacity / DCIM Bundle Megawatt Capacity	The ecoMeter Template Builder allows you to create and modify device templates and export them to ecoMeter Probes where that can be used to define the devices to be polled. The following template types are supported: SNMP, Modbus and BACnet.	n/a

Other

Probe Name	Pack	Description	Agent or Agentless
code_wizard	Base Infrastructure	The CodeWizard utility generates example code for programming with the CA UIM APIs.	n/a
usage_metering	Base Infrastructure	CA UIM usage_metering probe scans the system being monitored on hourly basis and generates data for reporting purposes.	n/a

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Alphabetical probe listing

Probe Name	Pack	Short Description
ace	Base Infrastructure	The Automatic Configuration Engine (ace) probe allows you to apply monitor configurations to Monitored Elements (MEs) within your UIM system. This probe is used behind the scenes within the Unified Service Manager (USM) portlet
ad_response	Server and Application Pack	Active Directory Response Monitoring Probe.
ad_server	Server and Application Pack	Active Directory Server Probe.
adevl	Server and Application Pack	Starting with version 1.10 the original probe is phased out and instead this probe is merely the ntevl probe preconfigured for monitoring AD event logs.
adogtw	Base Infrastructure	ADO Gateway is a database gateway between CA UIM and a database. The Gateway reads data from tables using user defined SQL statements and post messages and alarms on CA UIM. The gateway can also monitor the database performance by running SQL Queries and post Quality of Service messages to the CA UIM with response time and/or number of rows returned by the query.
alarm_enrichment	Base Infrastructure	The alarm_enrichment probe is a pre-processor probe for the nas probe. Alarm_enrichment attaches itself to a permanent queue and receives alarm messages distributed by the Hub
apache	Server and Application Pack	Probe for remote (agentless) monitoring of Apache HTTP servers.
applogic_mon	Base Infrastructure	The “applogic_mon” monitoring probe offers comprehensive monitoring of AppLogic Applications via the AppLogic MON Appliance APIs. The probe performs all discovery, monitoring and data collection tasks on one or more MON Appliance targets.

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Probe Name	Pack	Short Description
applogic_ws	Base Infrastructure	The “applogic ws” monitoring probe offers comprehensive monitoring of AppLogic Platform Grids via the AppLogic WS_API Appliance interface. The probe performs all discovery, monitoring and data collection tasks on one or more AppLogic Grid targets.
ARCserve_D2D	Base Infrastructure	The CA ARCserve D2D probe sends the CA ARCserve D2D alerts and backup job status to CA UIM, where you can view the alerts within the CA UIM Unified Management Portal (UMP). You can also run CA ARCserve D2D commands such as full backup, incremental backup, and verify backup using the CA UIM Probe utility.
ARCserve_RHA	Base Infrastructure	The CA ARCserve RHA probe sends to CA UIM. You can view these events as alerts within the CA UIM Unified Management Portal (UMP).
audit	Base Infrastructure	The audit probe maintains data structures for UIM Server auditing. Audit messages are generated on events and configuration file changes from robots. The audit probe collects these messages and places them in tables in the database.
automated_deployment_engine	Base Infrastructure	Internal probe that deploys CA UIM robots/agents from a central location.
aws	Server and Application Pack	Probe that uses CloudWatch and other techniques to monitoring Amazon Web Service Status, CloudWatch and EC2 and S3.
azure	Server and Application Pack	Community Probe that uses curl to issue the recommended REST API calls to measures the latency of the file transfers using GET/PUT and creates QoS events uses curl to issue the recommended REST API calls to measures the latency of the message transfers using POST/GET/DELETE and creates QoS events.
baseline_engine	Base Infrastructure	Internal probe used for dynamic thresholding.

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Probe Name	Pack	Short Description
billing	Base Infrastructure	Internal probe used to audit the CA UIM deployment for licensing/chargeback purpose.
cassandra_monitor	Big Data Pack	The Cassandra Monitoring (cassandra_monitor) probe constantly monitors the internal performance and resource usage throughout a node in a Cassandra cluster
casdgtw	Base Infrastructure	CA Service Desk Gateway.
cdm	Server Pack	CPU, memory, and disk monitor.
celerra	Storage Pac	This probe is a remote monitoring probe that monitors EMC Celerra Storage system providing extensive availability and performance metrics.
cisco_monitor	Network Advanced Pack	Monitor Cisco hardware The CA UIM Cisco Monitor probe performs SNMP GET queries to selected Cisco SNMP devices transforming the query result into alarms and/or Quality of Service for SLA purposes. The user may configure the profile to his/her requirements in order to integrate the device seamlessly into the CA UIM monitoring solution. The Cisco Monitor probe includes a UI to configure the probe.
cisco_nxos	Network Advanced Pack	The CA UIM Cisco NXOS probe performs SNMP GET queries to selected Cisco NX/MDS devices transforming the query results into alarms and/or Quality of Service for SLA purposes.
cisco_qos	Network Advanced Pack	Probe for monitoring Cisco devices supporting the Cisco Class-Based QoS MIB (cbQoS) using SNMPv1/2c/3.
cisco_ucm	Server and Application Pack	The CA UIM cisco_ucm probe is a tool for managing the health and performance of your CallManager systems and services. The probe is able to monitor all performance counters and services (checkpoints) available on defined agents running the Cisco Unified CallManager.

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Probe Name	Pack	Short Description
cisco_ucs	Server and Application Pack	This probe is a remote monitoring probe for Cisco UCS chassis 51xx series server blades system. Monitoring availability metrics in terms of server blades present and their status and environmental metrics in terms of temperature, power, current of various parts of the UCS chassis
cisco_ucs_migration	Server and Application Pack	Administrative probe used to upgrade from older versions of the cisco_ucs probe.
cisco_unity	Server and Application Pack	The CA UIM cisco_unity probe is a tool for managing the health and performance of your Unity systems and services.
clariion	Storage Pack	A remote monitoring probe that monitors EMC Clariion CX4 Storage systems using Navisphere CLI providing extensive availability and performance metrics.
cloudstack	Server and Application Pack	The cloudstack probe automates all common monitoring and data collection tasks for the Citrix Cloud Platform Powered by Apache CloudStack (Citrix Cloud Platform and Apache CloudStack). The probe collects and stores data about zones, pods, clusters, hosts, storage, logs, and VMs. You can define alert thresholds and performance collection properties.
cm_data_import	Base Infrastructure	The cm_data_import probe supports the CA UIM Discovery feature called file-based import. This allows you to import device description data into the discovery database.
cmdbgtw	Base Infrastructure	Provides fast and convenient access to data residing in a CA UIM SLM database. The cmdbgtw probe is capable of exporting data from any table or set of tables. Data can be exported in either XML or CSV interchange formats. Exported data is written to files in a user-chosen location.
code_wizard	Base Infrastructure	The CodeWizard utility generates example code for programming with the CA UIM APIs.

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Probe Name	Pack	Short Description
controller	Base Infrastructure	The controller probe is a core component of the UIM robot. The controller schedules, starts and stops the probes managed by the robot, keeps configured probes running according to the probe configurations, maintains contact with its parent hub and handles UIM "housekeeping" operations, such as telling the hub about its state, name-lookup services, and license management.
cuegtw	Base Infrastructure	The cuegtw probe integrates the alarms from an instance of CA UIM to an instance of CA UIM Cloud User Experience Monitor (another CA product that monitors public websites from remote monitoring locations around the globe).
dap	Base Infrastructure	The Data Access Probe (DAP) acts as asynchronous proxy between various probes as well as SQL commands. The probe allows execution of various probe and SQL commands on behalf of client probe requesting for the specific information.
dashboard_engine	Base Infrastructure	
data_engine	Base Infrastructure	The data_engine probe manages and maintains data that is collected by Quality of Service (QoS) enabled probes. The data_engine creates all tables and stored procedures necessary to manage the collected data
db2	Server and Application Pack	Monitor IBMs DB2 UDB.
dhcp_response	Service Response Time Advanced Pack	Monitors the DHCPDISCOVER response for one or more Dynamic Host Configuration Protocol (DHCP) servers. The probe can send Quality of Service messages on response time and alarms if the server is unavailable or if the response time is too slow.
dirscan	Server Pack	The file and directory checking probe monitors files in specific directories. Alarms can be sent on number of files, age of files and space used by files.

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Probe Name	Pack	Short Description
discovery_agent	Base Infrastructure	Internal probe that is used to auto-discovery remote networks.
discovery_server	Base Infrastructure	Internal probe used to manage auto-discovery.
diskstat	Server Pack	The diskstat probe monitors disks on the iSeries system. Alarm messages and performance metrics can be generated on a number of disk properties.
distsrv	Base Infrastructure	The CA UIM Distribution Server is an important part of the CA UIM infrastructure which maintains distributable packages, licenses and Alarm Console Maps
dns_response	Service Response Time Advanced Pack	The dns_response probe queries your Domain Name Server and monitors the response times. It is possible to query the DNS looking for A records (normal hostnames), MX records (mail servers) and NS records (name servers).
e2e_appmon	Service Response Time Advanced Pack	The E2E Application Response Monitoring Probe will run pre-compiled NimRecorder scripts. Individual transactions can be timed and Quality of Service (QoS) messages can be sent from the script, as well as the total run time as measured by the probe itself.
e2e_appmon_dev	Service Response Time Advanced Pack	The E2E Application Response Monitoring Probe (Developer Edition) is used to create customized NimRecorder scripts. Individual transactions can be timed and Quality of Service (QoS) messages can be sent from the script, as well as the total run time as measured by the probe itself. Finished scripts can be run by the e2e_appmon probe.
easerver	Server and Application Pack	The CA UIM EAServer monitoring probe has the capability of handling all common monitoring and data collection tasks on Sybase EAServer.

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Probe Name	Pack	Short Description
ecometer	ecoMeter Floor Mounted Asset / DCIM Bundle Floor Mounted Asset / ecoMeter Megawatt Capacity / DCIM Bundle Megawatt Capacity	The ecoMeter Probe collects and monitors power and cooling data from devices through various protocols (SNMP, Modbus, BACnet, and EnergyWise).
ecometerefficiencyreport	ecoMeter Floor Mounted Asset / DCIM Bundle Floor Mounted Asset / ecoMeter Megawatt Capacity / DCIM Bundle Megawatt Capacity	This is a UMP portlet that displays power efficiency metrics for servers and storage devices that are polled by the CA ecoMeter Probe.
ecometertemplatebuilder	ecoMeter Floor Mounted Asset / DCIM Bundle Floor Mounted Asset / ecoMeter Megawatt Capacity / DCIM Bundle Megawatt Capacity	The ecoMeter Template Builder allows you to create and modify device templates and export them to ecoMeter Probes where that can be used to define the devices to be polled. The following template types are supported: SNMP, Modbus and BACnet.

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Probe Name	Pack	Short Description
email_response	Server and Application Pack	This probe tests internet mail response by sending mail messages and reading a mailbox, using SMTP and pop3/imap.
emailgtw	Base Infrastructure	The emailgtw probe receives messages with the subject EMAIL and sends them over the SMTP protocol. The CA UIM Alarm Server (nas) can be set up to send alarms to the emailgtw probe.
ews_response	Server and Application Pack	This probe tests Exchange Server mail response times by sending test e-mail messages and reading a mailbox. This version is based on Exchange web service APIs available with only Microsoft Exchange 2007 SP1, 2010 and 2010 SP1 versions.
exchange_monitor	Server and Application Pack	This probe looks at a set of parameters on your Exchange Server to check its health. Alarm messages can be generated based on the values of the parameters being checked. Qualities of Service messages are generated on a set of performance related statistics.
exchange_ur_reports	Server and Application Pack	Internal probe that generates MS Exchange reports within Unified Reporter that are based on data collected by the exchange_monitor probe.
fault_correlation_engine	Base Infrastructure	Internal probe used for RCA & Topology Manager.
fetchmsg	Server Pack	The Message Probe for iSeries monitors the message queue on systems running iSeries. The probe detects all messages on the queue, and you can easily configure the probe to generate alarm messages when critical situations occur. The probe enables handling of messages requiring operator response on the iSeries system.

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Probe Name	Pack	Short Description
file_adapter	Base Infrastructure	The file_adapter probe monitors the files defined in the profiles and when one of the files appears it will be read and produce one QoS message per row. The QoS message is formatted according to the profile defined for that file. When the file has been processed it will be deleted and the probe is ready for a new data file.
flow	Flow Analysis Pack	CA UIM for Flow Analysis (NetFlow) collects and analyzes IP traffic information to help network administrators understand usage patterns, manage workloads and resources to improve service levels.
fsmounts	Server Pack	The File Systems Mounts Monitoring Probe will monitor which file systems are mounted, and raise alarms when there are mismatches between what is currently mounted and what is configured on the system.
google_app_engine	Server and Application Pack	The GAE probe is capable of gathering and alarming on the Google-published runtime and subsystem status from http://code.google.com/status/appengine. The GAE probe is also capable of directly measuring the performance of the Java runtime and all subsystems through the use of the CA UIM GAE Plugin (NGaeP).
google_apps	Server and Application Pack	The google_apps probe is capable of gathering and alarming on the Google-published application status, available from http://www.google.com/appsstatus. The google_apps probe is also capable of measuring and alarming on aspects of a specific domain. Google provides a set of domain reports from which the probe gathers metrics. The probe is also capable of performing various end-user operations, like creating a document, and measuring the latency of the operation.

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Probe Name	Pack	Short Description
ha	Base Infrastructure	The HA probe allows you to manages queues, probes and the NAS Auto Operator in a high availability setup. The probe runs on the standby Hub. If it loses contact with the primary Hub it initiates a failover after a defined interval. When the primary Hub comes back online the probe will reverse the failover.
hadoop_monitor	Big Data	CA UIM Hadoop probe is an agent based probe that allows for monitoring the availability and performance of a Hadoop cluster – including hosts, nodes (named, secondary), HDFS, Hive among other services. The probe along with other solution elements such as OOTB dashboards and USM views provides deep insight into Hadoop cluster performance
hdb	Base Infrastructure	The hdb probe provides a simple database service for the probes managed by the robot. This allows the robot to store data for threshold monitoring and data trending, and ensures that collected data survives power outages. This probe is included in the robot installer and update packages, and is deployed during robot installation or upgrade.
history	Server Pack	The history probe monitors history messages from the QHST logs on iSeries (AS/400) computers hosting the probe. The probe will automatically detect when new logs are created and will detect new messages as they are written to the log files.
hitachi	Storage Pack	The Hitachi probe monitors Hitachi USP-V and USP-VM Series disk storage systems. The probe uses the SMI-S interface to collect comprehensive metrics about storage arrays, pools, LUNs, disks and more.
hpsmgtw	Base Infrastructure	The hpsmgtw probe is used to generate an incident in the HP Service Manager (HPSM). The incident is generated when the CA UIM alarm is assigned to the designated HPSM user.

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Probe Name	Pack	Short Description
httpd	Base Infrastructure	The probe is automatically installed when installing the Nimsoft Server software, and it controls the Nimsoft Server web application. It is possible to modify the layout of the web pages (show or hide parts of the pages), specify user credentials for automatic login when accessing dynamic dashboards and also deny access to the pages.
hub	Base Infrastructure	Internal probe that contains the CA UIM message bus core.
hyperv	Server Pack	The CA UIM hyperv probe has the capability of handling all common monitoring and data collection tasks for Microsoft Hyper-V Servers. The probe collects and stores data and information from the monitored system at customizable intervals.
ibm_svc	Storage Pack	The ibm_svc probe handles all common monitoring and data collection tasks for IBM SAN Volume Controller. The probe uses an SMI-S interface, CLI and SCP to collect comprehensive metrics about cluster, IO Groups, nodes, mdisk, vdisk, pool and more.
ibm-ds	Storage Pack	The ibm-ds probe replaces the ibm-ds4k probe. The updated implementation has been renamed to reflect the added support for IBM DS5xxx along with DS4xxx and DS3xxx.
ibmvm	Server Pack	CA UIM for IBM Virtualization Probe will help customers monitoring health and performance of IBM PowerVM virtualization solution. PowerVM is the family of technologies, capabilities and offerings that deliver industry-leading virtualization on IBM POWER processor-based systems. With PowerVM, one can employ virtualization in many ways to achieve improvements in efficiency and flexibility.
ica_response	Server and Application Pack	Citrix Client Response Probe.

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Probe Name	Pack	Short Description
ica_response_for_11.xClient	Server and Application Pack	Citrix Client Response Probe.
ica_server	Server and Application Pack	Use this probe to configure either a set of users that will **not** be logged off automatically in disconnected state or a specified set of users that will be logged off automatically in disconnected state
icmp	Ping Pack & Network Advanced Pack	The icmp (Internet Control Message Protocol Ping) probe tests network connectivity using ping and generates Quality of Service (QoS) messages based on the response data.
iis	Server and Application Pack	The CA UIM IIS probe performs HTTP GET queries to selected MS IIS servers transforming the query result into alarms and/or Quality of Service for SLA purposes. The user may configure the profile to his/her requirements in order to integrate the device seamlessly into the CA UIM monitoring solution. The IIS probe includes a UI to configure the probe.
informix	Server and Application Pack	Probe for the IBM Informix database.
install_AIX_5	Base Infrastructure	This package contains the CA UIM NAS, distsrv, Hub and Robot for the IBM AIX 5.x and IBM AIX 6.x UNIX system.
install_AIX_5_64	Base Infrastructure	This package contains the CA UIM NAS, distsrv, Hub and Robot for the IBM AIX 5.x UNIX system.
install_HPUX_11_64	Base Infrastructure	CA UIM Infrastructure for HP-UX 11 (64 bit PA-RISC)
install_HPUX_11_ia64	Base Infrastructure	CA UIM infrastructure for ia64 HP-UX 11 ia64
install_LINUX_23	Base Infrastructure	CA UIM Infrastructure for Linux (glibc 2.3 or higher on x86)
install_LINUX_23_64	Base Infrastructure	CA UIM Infrastructure for 64 Linux (glibc 2.3 or higher on x86 64 bit)
install_LINUX_23_64_ppc64	Base Infrastructure	CA UIM infrastructure for ppc64 Linux (glibc 2.3 or higher on powerpc 64 bit).

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Probe Name	Pack	Short Description
install_SOLARIS_10_amd64	Base Infrastructure	CA UIM Infrastructure for amd64 Solaris versions 10 on 64-bit AMD processors.
install_SOLARIS_10_i386	Base Infrastructure	CA UIM Infrastructure for i386 Solaris version 10 on 32-bit i386 processors.
install_SOLARIS_8_sparcv9	Base Infrastructure	CA UIM Infrastructure for v9 Solaris versions 8, 9 and 10 on 64-bit SPARCv9 processors.
interface_traffic	Network Advanced Pack	Monitors network interface traffic.
iostat	Server Pack	This probe collects disk activity statistics/metrics from the iostat command on Solaris, Linux and AIX servers.
iSeries_robot_update	Base Infrastructure	Robot update package for iSeries systems.
iSeries_robot	Base Infrastructure	Robot/agent for iSeries systems.
java_jre	Base Infrastructure	Java runtime package.
jboss	Server and Application Pack	Monitors JBoss Application Servers utilizing the JMX (jsr160) interface.
jdbc_response	Server and Application Pack	Probe for issuing custom SQL statements against database servers utilizing the JDBC client interface for the purpose of measuring response time and data gathering.
jdbcgtw	Base Infrastructure	The JDBC Gateway probe is a database gateway between CA UIM and a database. The Gateway reads data from tables using user-defined SQL statements and posts messages and alarms on the CA UIM bus.
jmx	Server and Application Pack	The jmx probe is capable of listing and extracting data from all MBeans, both configuration and runtime MBeans. The jmx probe will on a user-defined interval collect data from the WebLogic Server based on user-defined profiles. The profile configures alarm thresholds and severity levels to generate alarm messages.

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Probe Name	Pack	Short Description
jobqs	Server Pack	The jobqs probe monitors job queues in the iSeries system. Alarm messages can be generated when specific job queues are running, not running or appear in a specific number of instances. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.
jobs	Server Pack	The jobs probe monitors jobs in the iSeries system. Alarm messages can be generated when specific jobs are running, not running or appear in a specific number of instances. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.
jobsched	Server Pack	The jobsched probe monitors scheduled jobs in the iSeries system. Alarm messages can be generated for scheduled jobs which do not get the expected status, have not been run or use too much time to run. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.
journal	Server Pack	The journal probe monitors the journal messages on the iSeries (AS/400) computer hosting the probe. The QAUDJRN journal is configured to be monitored, and additional journals may be specified for monitoring.
jre_solaris	Base Infrastructure	Java runtime package.
jvm_monitor	Server and Application Pack	The CA UIM jvm_monitor probe has the capability of handling all common monitoring and data collection tasks on JMX enabled JVM (SE5.0 or higher) applications.

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Probe Name	Pack	Short Description
ldap_response	Service Response Time Advanced Pack	This probe monitors a set of LDAP servers by regularly querying them with a predefined lookup call. Alarm messages can be generated on response time and number of found records. Quality of service messages can be sent on the same parameters.
logmon	Server Pack	The Log file Monitoring Probe will scan ASCII based log files and look for essential information in system- and application log files automatically.
lync_monitor	Server and Application Pack	The lync_monitor probe monitors the health and performance of Microsoft Lync Server 2010 by gathering information about the performance of the server and the audio and video quality of network media.
maintenance_mode	Base Infrastructure	Internal probe used to support maintenance mode.
mgr	Base Infrastructure	Infrastructure Manager thick client binary.
mongodb_monitor	Big Data Pack	The mongodb_monitor (MongoDB Monitoring) probe constantly monitors the internal performance and resource usage throughout a node in a MongoDB cluster.
monitoring_services	Base Infrastructure	Internal probe that allows users to interact with Flow Analysis reports.
mpse	Base Infrastructure	The Monitor Provisioning Service probe is used to facilitate the provisioning of probes.
mysql	Server and Application Pack	MySQL database application server monitoring.
nas	Base Infrastructure	The Alarm Server (nas) stores and administers alarm messages for the UIM Alarm product
ndg	Base Infrastructure	CA UIM Dashboard Generator.

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Probe Name	Pack	Short Description
net_connect	Server Pack, Ping Pack, Network Advanced Pack	The net_connect probe measures network connectivity based on 'ping' (ICMP ECHO) and TCP connections to a list of user-defined services such as NetBIOS, telnet, ftp, http etc. The probe supports the SLM product-line by sending Quality of Service (QoS) messages.
net_traffic	Server Pack	The net_traffic probe measures the network bandwidth usage in terms of packets per second, and bytes per second. You may profile the network usage by defining your own profiles containing criteria such as source, destination (host/network) addresses and port/service information. It is now simple to monitor the actual bandwidth usage of e.g. NetBIOS, web-usage, etc.
netapp	Storage Pack	The NetApp probe performs SNMP GET queries to selected NetApp devices transforming the query results into alarms and/or Quality of Service for SLA purposes. The NetApp probe includes a UI to configure the probe. The probe supports SNMPv1, SNMPv2c and SNMPv3.
nexec	Server Pack	The purpose of this probe is to enable the CA UIM Alarm operator to execute a defined set of commands on a remote computer.
nimldr	Base Infrastructure	UNIX/Linux robot installation scripts.
nis_server	Base Infrastructure	The nis_server is an engine that runs automatically on a prescribed interval to persist and populate groups created in the Unified Service Manager (USM) web interface.
notes_response	Server and Application Pack	Monitors a set of Notes servers. Alarm messages can be generated on availability, failover situations and response times. Quality of service messages can be sent on the same parameters.
notes_server	Server and Application Pack	Monitors a set of Notes servers. Alarm messages can be generated on statistics variables and log entries. Quality of service messages can be sent on availability and statistics variables.

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Probe Name	Pack	Short Description
nsa	Base Infrastructure	CA UIM Script Agent
nsdgtw	Base Infrastructure	The nsdgtw probe is a gateway between CA UIM and CA UIM Service Desk. If an alarm is assigned to the user specified in the probe's setup, the alarm is entered as a Service Desk incident.
ntevl	Server Pack	The Windows NT event log watcher probe generates alerts based on messages from the Windows event logs.
ntp_response	Service Response Time Advanced Pack	The ntp_response probe monitors the availability and accuracy of the Network Time Protocol. It does so by requesting status information from one or more NTP/SNTP servers. Alarms can be generated on response time and, in the case of NTP servers, offset and jitter (in comparison with their time reference). Alarms can also be generated on error situations.
ntperf	Server Pack	The performance collector probe can monitor performance counters on Windows NT. Alarms can be sent on unexpected values and quality of service messages can be generated.
ntservices	Server Pack	The Windows NT services watcher probe monitors the Windows NT services. It can report services not in the expected state and optionally start or stop them.
ocs_monitor	Server and Application Pack	Monitors the health and performance of Microsoft Office Communications Server by gathering information about the audio and video quality of network media. Additionally, the probe collects usage information (CDR) about Office Communications Server, which helps you to calculate the return on investment of your deployment and also enables you to plan future growth of your deployment.

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Probe Name	Pack	Short Description
oracle	Server and Application Pack	This probe will run selected SQL statements to extract vital information about your Oracle servers. The information is presented to the database administrator as alarms and/or as a report.
oracle_logmon	Server and Application Pack	This package is an extension to the logmon probe. It contains predefined watcher definitions for monitoring the Oracle Alert Log.
outqs	Server Pack	The outqs probe monitors output queues in the iSeries system. Alarm messages can be generated there are too many entries in the output queue. The probe also supports QoS messages, directed towards the CA UIM SLA (Service Level Agreement) family.
ovnnm	Base Infrastructure	The ovnnm Probe is a gateway between CA UIM and HP OpenView NNM. CA UIM Alarms are represented by dynamically created objects which can be used in Business Process Views.
perfmon	Server Pack	The Performance Monitoring Probe remotely fetches performance counter values from a set of Windows computers and makes these available for use by the cisco_unity, and exchange_monitor probes. It is deployed automatically when one of these probes are deployed.
Perl_AIX_5	Base Infrastructure	Pre-compiled Perl binaries for Perl based probes.
Perl_LINUX_23	Base Infrastructure	Pre-compiled Perl binaries for Perl based probes.
Perl_LINUX_23_64	Base Infrastructure	Pre-compiled Perl binaries for Perl based probes.
Perl_SOLARIS_10_i386	Base Infrastructure	Pre-compiled Perl binaries for Perl based probes.
Perl_SOLARIS_8_sparc	Base Infrastructure	Pre-compiled Perl binaries for Perl based probes.

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Probe Name	Pack	Short Description
policy_engine	Base Infrastructure	The policy_engine probe is responsible for managing policies at user-defined intervals. When queried, the policy_engine provides the health_index probe with all the policies that have Health Index enabled. The policy_engine determines the target set of devices for a policy by referencing the policy filter expression entered in the Policy Editor
pollagent	Network Advanced Pack	Probe that enables SNMP Collector functionality.
ppm	Base Infrastructure	Internal probe called the Probe Provisioning Manager. This probe is used by the HTML5 based Admin Console.
prediction_engine	Base Infrastructure	The prediction_engine probe takes samples of QoS data and calculates, at the top of the hour, a linear regression line based on an hourly median for QoS metrics that have the Time To Threshold alarm configured. Time To Threshold is an event violation rule that sends an alarm if a QoS metric is predicted to reach a set value within a user-defined time period. Setting a Time To Threshold alarm for any of the QoS monitoring probes allows the prediction_engine probe to gather trending information used to calculate when a particular event might occur.
printers	Server Pack	The printer monitoring probe monitors printers defined on the computer. Remote printers are included when a user name/password is supplied for listing these.
Probe Framework SDK	Base Infrastructure	Tools, documentations and samples to productively build probes compliant with the new architecture – framework built probes will work with USM.
processes	Server Pack	The process watcher probe monitors processes and windows owned by the processes to detect error situations.

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Probe Name	Pack	Short Description
pvs	Server and Application Pack	The CA UIM pvs probe monitors the health, utilization, and performance of Citrix provisioning services based Virtual Desktop Infrastructure (VDI) environments. The pvs probe performs comprehensive monitoring and data collection for various aspects of the Citrix provisioning services. The probe automatically discovers virtual desktops, as well as hypervisor virtual machines that power the virtual desktops that may be using VMware vSphere, Xenserver or hyper-v virtualization technologies.
qos_processor	Base Infrastructure	The qos_processor probe provides powerful post-processing for QoS data. The qos_processor listens for QOS_MESSAGE subjects on the hub, evaluates and potentially modifies origin and other select QoS monitor attributes using script-based enrichment.
rackspace	Server and Application Pack	Monitors Rackspace IaaS offerings called Cloud Servers and Cloud Files (storage) integrated with the Limelight content delivery network (CDN). Rackspace Customers who provision computing infrastructure to meet their individual computing requirements now can measure performance of the cloud computing including server usage, deployment efficiencies, latencies, disk usage, file upload/download bandwidths as well as real-time cost of cloud resources running their business on the Rackspace cloud.
reboot	Server Pack	When started, this timed probe checks its configuration to determine if a reboot is needed and performs the reboot. Robots include hdb, spooler, and controller
relationship_services	Base Infrastructure	The relationship_services probe serves as a central collection point for topology data collection by one or more topology_agent probes. relationship_services also provides a RESTful interface for other components to access the topology data.

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Probe Name	Pack	Short Description
remedygtw	Base Infrastructure	This probe acts as a gateway for alarms into Remedy ARS.
rhev	Server Pack	Monitoring probe for RedHat RHEV Managers.
robot_deb	Base Infrastructure	Robot package.
robot_exe	Base Infrastructure	Robot package.
robot_rpm	Base Infrastructure	Robot package.
robot_sol	Base Infrastructure	Robot package.
robot_update	Base Infrastructure	Robot package.
rsp	Server Pack	The Remote System Probe allows you to monitor system metrics and collect performance data in an agentless manner without having to install proprietary software on the system. The probe gathers statistics on CPU utilization, disk and memory usage.
saa_monitor	Network Advanced Pack	The CA UIM saa_monitor probe performs SNMP GET queries to selected Cisco devices supporting the Service Assurance Agent (SAA), also called IPSLA. It enables the user to create and maintain IPSLA/SAA probes on the Cisco devices. Please refer to Cisco IPSLA/SAA resources for a comprehensive documentation of which network services are available for the respective IOS levels.
salesforce	Server and Application Pack	Probe for monitoring Salesforce availability and response times.
sapbasis_agentil	SAP Pack	CA UIM for SAP is developed and maintained by AGENTIL, and utilizes our monitoring infrastructure and reporting to give customers a Unified view of SAP and datacenter performance.
sdk_c	Base Infrastructure	Software development kit.

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Probe Name	Pack	Short Description
sdk_dotnet	Base Infrastructure	Software development kit.
sdk_java	Base Infrastructure	Software development kit.
sdk_perl	Base Infrastructure	Software development kit.
sdk_vb	Base Infrastructure	Software development kit.
service_host	Base Infrastructure	The Service Host probe is the services container for Unified Infrastructure Management Server, and is a part of the core installation package.
sharepoint	Server and Application Pack	Probe for monitoring of Microsoft Sharepoint Server (both Sharepoint Services and Microsoft Office Sharepoint Server).
sla_engine	Base Infrastructure	Internal probe used to calculate SLA/SLO compliance within the SLM reports.
smsgtw	Base Infrastructure	The CA UIM GSM/SMS Gateway provides a means to send alerts/ messages over the GSM digital cellular telephone networks.
sngtw	Base Infrastructure	CA UIM alert integration with Service-Now ITSM.
snmpcollector	Network Advanced Pack	This probe provides next generation SNMP collection capabilities within CA UIM, supporting metric families and other new device level monitoring features. This probe is new as of June/July 2013.
snmpget	Network Advanced Pack	The CA UIM snmpget probe performs SNMP GET queries to selected SNMP devices transforming the query result into alarms and/or Quality of Service for SLA purposes. The user may configure the profile to his/her requirements in order to integrate the device seamlessly into the CA UIM monitoring solution. Browse the remote SNMP agent for the information you require and create monitoring solutions by drag-and-drop operations.

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Probe Name	Pack	Short Description
snmpgtw	Base Infrastructure	Transform CA UIM alarm messages to SNMP Trap messages readable by any SNMP based event manager. A predefined set of profiles exist for transforming the CA UIM alarm message to some well-known event managers, like HP-OpenView, CA Unicenter-TNG, and BMC CommandPost.
snmptd	Base Infrastructure	Transform CA UIM alarm messages to SNMP Trap messages readable by any SNMP based event manager. A predefined set of profiles exist for transforming the CA UIM alarm message to some well-known event managers, like HP-OpenView, CA Unicenter-TNG and BMC CommandPost.
snmptoolkit	Network Advanced Pack	Enables SNMP monitoring for any SNMP enabled device, with the specific ability to create monitoring templates for Table/index heavy SNMP MIBS.
spooler	Base Infrastructure	The spooler is a core component of the UIM robot. When a probe posts a message, the message is always sent to a spooler first. When the spooler accepts the message, it ensures that the message will be delivered to the hub even if the hub or the network is down. The spooler is capable of holding the message until delivery conditions are met.
sql_response	Server and Application Pack	The sql_response probe executes SQL queries, using ADO or ODBC connectivity, and evaluates its response time, number of returned rows and returned value.
sqlserver	Server and Application Pack	The CA UIM SQL Server Monitoring Probe constantly monitors the internal performance and space allocation throughout the SQL Server database and feeds essential information based on pre-defined criteria to the CA UIM Availability Manager for appropriate alert notification when required. An extensive range of check-points can be selected and individually scheduled to meet the needs of specific monitoring requirements.

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Probe Name	Pack	Short Description
sybase	Server and Application Pack	The Sybase probe will run selected SQL's to extract vital information about your Sybase servers. The information is presented to the database administrator as alarms and/or as a report showing areas that need attention.
sybase_rs	Server and Application Pack	Monitors the Sybase Replication Servers.
sysloggtw	Base Infrastructure	Converts syslog messages from external devices into CA UIM alarms.
sysstat	Server Pack	This probe monitors the iSeries systems statistics. Alarm messages can be generated on current variable values. Quality of Service messages directed towards the CA UIM SLA (Service Level Agreement) family can be generated on all variables.
tcp_proxy	Base Infrastructure	A management probe that makes it possible to set up proxy connections to a set of defined TCP services, either locally or through an SSL tunnel. For example, this can be used to set up a Remote Desktop connection through a Firewall.
tomcat	Server and Application Pack	Monitors Apache Tomcat servers via JMX interface (jsr160). Apache Tomcat is the servlet container that is used in the official Reference Implementation for the Java Servlet and JavaServer Pages technologies.
topology_agent	Base Infrastructure	Internal probe used for discovery purposes.
topology_fault_correlation	Base Infrastructure	Internal probe used for discovery purposes.
topology_server	Base Infrastructure	Internal probe used for discovery purposes.
udm_manager	Base Infrastructure	UDM is a functionality introduced in UIM v8.1 to improve inventory/topology management

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Probe Name	Pack	Short Description
ugs	Base Infrastructure	The ugs probe is an engine that runs automatically on a prescribed interval to persist and populate groups created in the Unified Service Manager (USM) web interface. When a new group is created using the USM web interface, the group is displayed on the interface along with all entities belonging to the given group according to the filter criteria provided for the group. Prior to 8.0, these tasks were completed by the nis_server probe
ump_flow	Base Infrastructure	Internal probe used to extend UMP views.
ump_mobile	Base Infrastructure	
ump_umpjslib	Base Infrastructure	Internal probe used to extend UMP views.
unifieddashboards	Base Infrastructure	Internal probe used to extend UMP views.
unified_reporter	Base Infrastructure	Provides advanced reporting and customization options as well as additional out of the box performance reports for dozens of technologies.
url_response	Service Response Time Advanced Pack	The url_response probe will monitor URL's for the time it takes to download the page, as well as having the capability to perform comparison checks on the page-contents. It supports proxies and user authentication. The probe also supports QoS (Quality of Service) messages, directed towards the CA UIM SLA (Service Level Agreement) family.
usage_metering	Base Infrastructure	CA UIM usage_metering probe scans the system being monitored on hourly basis and generates data for reporting purposes.

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Probe Name	Pack	Short Description
vcloud	Server and Application Pack	The vcloud monitoring probe offers comprehensive and efficient monitoring capabilities that enable cloud administrators to ensure their cloud IT infrastructure powered by VMware vCloud Director deliver the highest levels of availability and performance. The vcloud probe performs all discovery, monitoring and data collection tasks on one or more VMware vCloud Directors.
vmax	Storage Pack	The vmax probe monitors EMC Symmetrix Vmax storage systems. Vmax probe uses Solutions Enabler CLI to collect configuration and performance metrics from the Vmax systems. The probe reports inventory of various items that are configured within Vmax system and their relationships to other elements.
vmware	Server Pack	The CA UIM VMware monitoring probe has the capability of handling all the common monitoring and data collection tasks on VMware VC/ESX Servers. The probe collects and stores data and information from the monitored system at customizable intervals.
vs2005_redist_x64	Base Infrastructure	Visual Studio redistributable.
vs2005_redist_x86	Base Infrastructure	Visual Studio redistributable.
vs2008_redist_ia64	Base Infrastructure	Visual Studio redistributable.
vs2008_redist_x64	Base Infrastructure	Visual Studio redistributable.
vs2008_redist_x86	Base Infrastructure	Visual Studio redistributable.
wasp	Base Infrastructure	The wasp probe is installed as a core probe with the Unified Management Portal (UMP)
wasp_language_pack	Base Infrastructure	Internal probe used by the wasp probe.

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Probe Name	Pack	Short Description
weblogic	Server and Application Pack	The CA UIM WebLogic monitoring probe has the capability to handle all the common monitoring and data collection tasks on WebLogic Servers. The probe collects and stores data and information from the monitored system at customizable intervals. You can easily define alarms to be raised and propagated to the CA UIM console when the specified thresholds are breached.
webservicemon	Service Response Time Advanced Pack	The webservicemon probe monitors the status of web services, including the ability to monitor responsiveness, status codes, SSL certificates and response validation.
webservices_rest	Base Infrastructure	Web services REST SDK.
webservices_soap	Base Infrastructure	Web services SOAP SDK.
websphere	Server and Application Pack	The CA UIM Websphere monitoring probe has the capability of handling all common monitoring and data collection tasks on IBM WebSphere Application Servers. The probe collects and stores data and information from the monitored system at customizable intervals.
websphere_mq	Server and Application Pack	The websphere_mq probe monitors Queue Manager, Queue and Channel on an IBM MQ Series system.
xenapp	Server and Application Pack	The xenapp probe can acts as a virtual user, exercising published applications and providing preemptive service level monitoring. The probe will remotely execute and measure the time required to open a Citrix ICA session, login to an application and conduct any transaction.

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Probe Name	Pack	Short Description
xendesktop	Server Pack	The xendesktop probe monitors the health, utilization, and performance of Citrix XenDesktop based Virtual Desktop Infrastructure (VDI) environments. The probe automatically discovers virtual XenDesktops, as well as hypervisor virtual machines that power the virtual desktops that may be using VMware vSphere, XenServer or hyper-v virtualization technologies. The probe communicates with the XenDesktop VDI environment via PowerShell commands and extracts key information for real-time monitoring.
xenserver	Server Pack	CA UIM for XenServer probe will monitor the health and performance of Virtualization solutions based on the Xenserver open source project. XenServer Overview Server Virtualization with the Xenserver Hypervisor.
xmlparser	Server Pack	New utility probe for parsing of XML documents using xpath statements. The probe can take input from several sources, return result set to source for further processing or generate alarms and QOS data directly from the probe
zones	Server Pack	The CA UIM zones probe monitors the health and performance of Solaris Zones virtualization enabled systems. The probe collects and stores data and information from the monitored host system at customizable intervals. You can easily define alarms to be raised and propagated to the CA UIM console when specified thresholds are breached.
zops	N/A	CA UIM Operations for z Systems probe feeds metrics data from the z/OS operating system into CA UIM such as Sysplex images, LPARs, z/OS instances, Started tasks, System tasks, and channel I/O.
zstorage	N/A	CA UIM Storage for z Systems e probe feeds metrics data for the mainframe storage environment into CA UIM such as DASD, HFS and NFS mount points and Fibre Channel ports

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Probe Name	Pack	Short Description
zvm	N/A	CA UIM z/VM for systems exposes probe feeds metrics data from the mainframe z/VM hypervisor into CA UIM such as System CPU, Guest CPU, page volume, spool volume, wait states. It also provides metrics data related to guests running on z/VM such as total CPU, Resident Memory, Working Set, Page Read and Page Writes.

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