

# SV 9.5 – Changes in ACL and User Permissions

## Overview

With DevTest 9.5.1 administration of DevTest’s users and user roles went from DevTest Server Console to the DevTest Portal. The retirement of the DevTest Server Console caused several privileges, aka permissions, to become obsolete. This includes all the DevTest Console Administration and all the Cloud Lab integration permissions. Also several Report Administration permissions are now obsolete, as well as the permission to launch the Pathfinder Console. These changes had an impact to some default user roles, that are predefined in the product. Predefined user roles *User*, *Load Tester* and *Load Observer* do not require Power User licenses anymore, but Runtime licenses only.

In DevTest 9.5.1, predefined User roles *CAI Power*, *SV Power*, *Test Power*, and *Test Administrator* were also assigned the permission to monitor Registries and Simulators, in addition to monitor Coordinator Services.

With DevTest 9.5.1, Pathfinder permissions, roles and user names were renamed to CAI permissions, roles and user names, respectively.

This document contains details of the changes.

## Users

### Default Users and Assigned Roles

Following **highlighted** users and assigned roles have changed in 9.5.1.

User	Default Roles
admin	Super User
guest	Guest
<b>pfpower</b>	<b>PF Power</b>
svpower	SV Power
tpower	Test Power
devtest	Runtime
sysadmin	System Administration

Following **highlighted** users and assigned roles have changed in 9.5.1.

User	Default Roles
admin	Super User
guest	Guest
<b>caipower</b>	<b>CAI Power</b>
svpower	SV Power
tpower	Test Power
devtest	Runtime
sysadmin	System Administration

User name *caipower* replaces user name *pfpower* in 9.1. User role *CAI Power* replaces user role *PF Power* in 9.1. *CAI Power* User role in 9.5.1 has the same privileges as the *PF Power* User role in 9.1.

## Permissions

Between 9.1 and 9.5.1 there have been minor changes in the set of permissions available in ACL. Some permissions were removed, but none of the remaining were changed. Additionally, the effective User Type 'Pathfinder Power User' was renamed to 'CAI Power User'. The acronym in each of the affected permission was renamed consequently from 'PFP' to 'CAI'.

Similarly, permission group *Pathfinder Administration* is renamed to *CAI Administration* in DevTest 9.5.1.

## Removed Privileges

Of the permissions available in 9.1 the following ones were removed in 9.5.1 due to the retirement of the DevTest Server Console in 9.5.1

### DevTest Console Administration

Permission	Effective User Type required in 9.1
Access DevTest Console	A
Access Server Console	A
Access Pathfinder Console	PFP
View VSEasy Console	R

### Report Administration

Permission	Effective User Type required in 9.1
Import XML report data	R
Export XML report data	R
Export XML report data of other users	R
Delete report data	R
Delete report data of other users	R
Create report filter	R
Delete report filter	R
Delete report filter of other users	R
View all filters	R

### CAI Administration

Permission	Effective User Type required in 9.1
Use Dev Console	PFP

### Cloud Lab Integration

Permission	Effective User Type required in 9.1
List Available Labs	R
Start/Stop Labs	R
Expand Labs	R
Kill Labs of other users	TP

## New Privileges

There were no new permissions introduced in 9.5.1.

## Permission Details

### DevTest Console Administration

With the retirement of Server Console these DevTest Console Administration permissions became obsolete in DevTest 9.5.1

Permission	Effective User Type required in 9.1
Access DevTest Console	A
Access Server Console	A
Access Pathfinder Console	PFP
View VSEasy Console	R

### User, Role and Resource Administration

These User, Role and Resource Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
User and Role Administration	A	A
Resource Administration	A	A

### Test/Suite Administration

These Test/Suite Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Stage Test	R	R
Stage Suite	R	R
Stop Test	R	R
Kill Test	R	R
Optimize Test	R	R
View Test	R	R
Quick Stage Test	R	R
Stage Local Suite	R	R

### Virtual Service Administration

These Virtual Service Administration permissions have not changed in 9.5.1.

The VSE Service Administration permissions are grouped into VSE Server administration permissions and permissions for VSE service administration, meaning administration of virtual services running in a VSE. Permissions for VSE service administration, again, have sub groups of permissions for VSE service execution and Update Deployed VSE service.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
View VSE Dashboard	R	R

### VSE Server Administration

These VSE Server Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Configure VSE Tracking Data Cleanup	A	A
Stop VSE server	A	A
Reset VSE server	A	A
Monitor VSE server	A	A

## VSE Service Administration

These VSE Service Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
VSE Service deployment	R	R
VSE Service Archive Retrieval	R	R
Set Virtual Service Execution Mode	R	R
Reset Virtual Service Transaction Counts	R	R
Heal Virtual Service Image	SVP	SVP

## VSE Service Execution

These VSE Service Execution permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Start VSE Service	R	R
Stop VSE Service	R	R

## Update Deployed VSE Service

These Update Deployed VSE Service permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Update Virtual Service Capacity	R	R
Update Virtual Service Think Scale	R	R
Update Virtual Service Auto-Restart	R	R
Update Virtual Service Group Tag	R	R

## DevTest Server Administration

These DevTest Server Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Debug DevTest server	A	A
Monitor Registry	A	A
Reset Registry	A	A
Stop Registry	A	A
Monitor Coordinator	A	A
Reset Coordinator	A	A
Stop Coordinator	A	A
Monitor Simulator	A	A
Reset Simulator	A	A
Stop Simulator	A	A

## CVS Administration

These CVS Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
View CVS Dashboard	R	R
Deploy or redeploy monitor to CVS	R	R
Delete monitor from CVS	R	R
Run monitor immediately from CVS	R	R
Activate/Deactivate monitor from CVS	R	R

## Report Administration

The remaining Report Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Access Reporting Console	R	R
View report data	R	R
View report data of other users	R	R
View PDF report data	R	R
View PDF report data of other users	R	R
Import XML report data	R	
Export XML report data	R	
Export XML report data of other users	R	
Export Excel report data	R	R
Export Excel report data of other users	R	R
Delete report data	R	
Delete report data of other users	R	
Create report filter	R	
Delete report filter	R	
Delete report filter of other users	R	
View all filters	R	

## Metric/Event Administration

These Metric/Event Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Add metric at runtime	TP	TP
Remove metric at runtime	TP	TP
Pause metric collection	TP	TP
Save interval data	TP	TP
Save metric data	TP	TP
Save event data	TP	TP

## Pathfinder/CAI Administration

The remaining Pathfinder/CAI Administration permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
View Paths	PFP	CAIP
Create Baselines	PFP	CAIP
Create Virtual Service Models	PFP	CAIP
Extract Data	PFP	CAIP
View Cases	PFP	CAIP
Edit Cases	PFP	CAIP
View Agents	PFP	CAIP
Agent Administration	PFP	CAIP
Import Paths	PFP	CAIP
Export Paths	PFP	CAIP
Delete Paths	PFP	CAIP
Use Dev Console	PFP	
Create Document	PFP	CAIP
View Documented Transactions	PFP	CAIP
Create Documented Transactions	PFP	CAIP
Edit Point of Interest	PFP	CAIP
View Point of Interest	PFP	CAIP
View Defects	PFP	CAIP

## DevTest Workstation

These DevTest Workstation permissions have not changed in 9.5.1.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Start DevTest Workstation	R	R
View a Configuration	R	R
Edit a Configuration	TP	TP
View a Staging Document	R	R
Edit a Staging Document	TP	TP
Create a New Staging Document	TP	TP
View a Suite	R	R
Edit a Suite	TP	TP
Create a New Suite	TP	TP
View a Test Case	R	R
Edit a Test Case	TP	TP
Create a New Test Case	TP	TP
View an Audit Document	R	R
Edit an Audit Document	TP	TP
Create a New Audit Document	TP	TP
View Service Model	R	R
Edit Service Model	SVP	SVP
Create a New Virtual Service Model	SVP	SVP
View Service Image	R	R
Edit Service Image	SVP	SVP
Create a New Virtual Service Image	SVP	SVP
Execute ITR	TP	TP
Execute Instant Replay	TP	TP
View ITR Properties	R	R
View ITR Test Events	R	R

## Cloud Lab Integration

With the retirement of Server Console these Cloud Lab Integration permissions became obsolete in DevTest 9.5.1

Permission	Effective User Type required in 9.1
List Available Labs	R
Start/Stop Labs	R
Expand Labs	R
Kill Labs of other users	TP

## Roles

### Privilege Subsets

For the sake of simplicity, following permission groups are defined for the scope of this document. These do not exist in the product, but simplify the following overview of default permissions for each of the default, i.e. pre-configured user roles:

## DevTest Workstation (READ-ONLY)

This subset groups all the [DevTest Workstation](#) permissions that require a Runtime license only.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Start DevTest Workstation	R	R
View a Configuration	R	R
View a Staging Document	R	R
View a Suite	R	R
View a Test Case	R	R
View an Audit Document	R	R
View Service Model	R	R
View Service Image	R	R
View ITR Properties	R	R
View ITR Test Events	R	R

## DevTest Workstation (FULL-NoVS)

This group includes all [DevTest Workstation](#) permissions required for testing, except permissions for editing and creating virtual service assets, which require SV Power User permission.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Start DevTest Workstation	R	R
View a Configuration	R	R
Edit a Configuration	TP	TP
View a Staging Document	R	R
Edit a Staging Document	TP	TP
Create a New Staging Document	TP	TP
View a Suite	R	R
Edit a Suite	TP	TP
Create a New Suite	TP	TP
View a Test Case	R	R
Edit a Test Case	TP	TP
Create a New Test Case	TP	TP
View an Audit Document	R	R
Edit an Audit Document	TP	TP
Create a New Audit Document	TP	TP
View Service Model	R	R
View Service Image	R	R
Execute ITR	TP	TP
Execute Instant Replay	TP	TP
View ITR Properties	R	R
View ITR Test Events	R	R

## Pathfinder/CAI Administration (READ-ONLY)

This group includes all [Pathfinder/CAI Administration](#) permissions that do not change or create CAI assets.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
View Paths	PFP	CAIP
View Cases	PFP	CAIP
View Agents	PFP	CAIP
View Documented Transactions	PFP	CAIP
View Point of Interest	PFP	CAIP
View Defects	PFP	CAIP

## DevTest Server Monitoring

This permission subset includes only those [DevTest Server Administration](#) permissions to monitor services required for execution of tests.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Monitor Registry	A	A
Monitor Coordinator	A	A
Monitor Simulator	A	A

## VSE Service Administration (NO-HEAL)

This permission subset includes only those [VSE Service Administration](#) permissions that require a Runtime license only, and do not require a SV Power license.

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
VSE Service deployment	R	R
VSE Service Archive Retrieval	R	R
Set Virtual Service Execution Mode	R	R
Reset Virtual Service Transaction Counts	R	R

## Default Roles and Effective User Types

DevTest Licensing is based on Effective User Types.

In DevTest 9.1 the default User Roles and the Effective User Type are displayed in the top two rows of the administration pane, if 'Roles' is selected in the LHP.

Effective User Type	PF Power User / SV Power User	PF Power User / SV Power User	SV Power User	Runtime User	PF Power User	SV Power User	Test Power User	PF Power User	SV Power User	Test Power User	Test Power User	Test Power User	Test Power User	Runtime User
Permissions	Super User	DevTest Admini...	Test Administrator	System Adminis...	PF Power	SV Power	Test Power	Runtime	Test Runner	Test Observer	Load Tester	User	Guest	

Beneath there are the individual permissions defined that are assigned and associated with each of the roles.

User Id	Name	Super User	DevTest Admini...	Test Administrator	System Adminis...	PF Power	SV Power	Test Power	Runtime	Test Runner	Test Observer	Load Tester	User	Guest
admin		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
guest		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
pfpower		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
svpower		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
tpower		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
devtest		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
sysadmin		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

In DevTest 9.5, there a node (Settings -> Access Control -> Roles) in the navigation tree in the left hand pane of the portal, that opens the User Role definition pane.

Action	Name	Effective User Type
<input type="checkbox"/>	Super User	SV Power User (SVP), CAI Power User (CAIP)
<input type="checkbox"/>	DevTest Administrator	SV Power User (SVP), CAI Power User (CAIP)
<input type="checkbox"/>	Test Administrator	SV Power User (SVP)
<input type="checkbox"/>	System Administration	
<input type="checkbox"/>	CAI Power	CAI Power User (CAIP)
<input type="checkbox"/>	SV Power	SV Power User (SVP)
<input type="checkbox"/>	Test Power	Test Power User (TP)
<input type="checkbox"/>	Runtime	CAI Power User (CAIP)
<input type="checkbox"/>	Test Runner	SV Power User (SVP)
<input type="checkbox"/>	Test Observer	Runtime User (R)
<input type="checkbox"/>	Load Tester	Runtime User (R)
<input type="checkbox"/>	User	Runtime User (R)
<input type="checkbox"/>	Guest	Runtime User (R)

DevTest 9.1 and DevTest 9.5.1 have the same set of default User Roles defined. However, due to the fact that the Server Console was retired in 9.5.1 several permissions became obsolete. These permissions were removed in 9.5. Their removal led to simpler Effective User Types and therefore simpler licenses, eventually, for some default User Roles.

User roles *Test Observer*, *Load Tester* and *User* have different Effective User Types in 9.5.1. In 9.1 these are licensed as Test Power Users, in 9.5.1 these require Runtime User licenses only. An Administration User (A) license is equivalent to a Runtime User license.

Role	Effective User Type	Effective User Type
Super User	SV Power User (SVP), PF Power User (PFP)	SV Power User (SVP), CAI Power User (CAIP)
DevTest Administrator	SV Power User (SVP), PF Power User (PFP)	SV Power User (SVP), CAI Power User (CAIP)
Test Administrator	SV Power User (SVP)	SV Power User (SVP)
System Administration	Runtime User (R)	Administration User (A)
PF Power	PF Power User (PFP)	CAI Power User (CAIP)
SV Power	SV Power User (SVP)	SV Power User (SVP)
Test Power	Test Power User (TP)	Test Power User (TP)
Runtime	PF Power User (PFP)	CAI Power User (CAIP)
Test Runner	SV Power User (SVP)	SV Power User (SVP)
Test Observer	Test Power User (TP)	Runtime User (R)
Load Tester	Test Power User (TP)	Runtime User (R)
User	Test Power User (TP)	Runtime User (R)
Guest	Runtime User (R)	Runtime User (R)

## Overview of Role Privileges

With the definition of the permission groups and the permission subset the following table gives an overview of the default permissions and restrictions assigned to each of the default users in DevTest 9.1

Privileges	Color
Full set of permissions available	Green
Partial, i.e, only some of the permissions are available. See following sections for detail	Yellow
None of the permissions available	Red

Role \ Permission	Super User	DevTest Administrator	Test Administrator	PF Power	SV Power	Test Power	Runtime	Test Runner	Test Observer	Load Tester	User	Guest	System Administration
Effective User Type	PPF, SVP	PPF, SVP	SVP	PPF	SVP	TP	PPF	SVP	TP	TP	TP	R	R
DevTest Console Administration	Green	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Red	Yellow
User and Role Administration	Green	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Green
Resource Administration	Green	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Green
Test/Suite Administration	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Red	Red
Virtual Services Administration	Green	Green	Green	Yellow	Yellow	Yellow	Yellow	Red	Red	Red	Red	Red	Yellow
DevTest Server Administration	Green	Green	Red	Red	Red	Red	Red	Red	Red	Red	Red	Red	Green
DevTest Server Monitoring	Green	Green	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Red	Red	Red	Red	Green
CVS Administration	Green	Green	Red	Green	Green	Green	Green	Red	Red	Green	Red	Red	Red
Report Administration	Green	Green	Red	Green	Green	Green	Green	Red	Red	Red	Red	Red	Red
Metric/Event Administration	Green	Green	Red	Green	Green	Green	Red	Red	Red	Red	Red	Red	Red
Pathfinder Administration	Green	Green	Red	Green	Red	Red	Red	Red	Red	Red	Red	Red	Red
Pathfinder Administration (READ-ONLY)	Green	Green	Red	Green	Red	Red	Green	Red	Red	Red	Red	Red	Red
DevTest Workstation	Green	Green	Green	Red	Green	Red	Red	Green	Red	Red	Red	Red	Red
DevTest Workstation (FULL-NOVS)	Green	Green	Green	Green	Green	Green	Red	Green	Red	Red	Red	Red	Red
DevTest Workstation (READ ONLY)	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Yellow	Red
Cloud Lab Integration	Green	Green	Green	Green	Green	Green	Yellow	Green	Green	Green	Yellow	Red	Red

In DevTest 9.1 some default users (Test Administrators, PF Power, SV Power, Test Power, Runtime, Test Runner) have the permission to monitor the Coordinator service, but not to monitor Registry and Simulator services. See 'DevTest Server Monitoring'. This has changed in DevTest 9.5.1 for default user roles *Test Administrators*, *PF Power*, *SV Power*, *Test Power*, but not for default user roles *Runtime* and *Test Runner*. See following pages.

In DevTest 9.5.1 Permission groups *DevTest Console Administration* and *Cloud Lab integration* are removed completely. Permission groups CAI Administration and Report Administration have changed.

Role \ Permission	Super User	DevTest Administrator	Test Administrator	CAI Power	SV Power	Test Power	Runtime	Test Runner	Test Observer	Load Tester	User	Guest	System Administration
Effective User Type	CAIP, SVP	CAIP, SVP	SVP	CAIP	SVP	TP	CAIP	SVP	TP	TP	TP	R	R
DevTest Console Administration	X	X	X	X	X	X	X	X	X	X	X	X	X
User and Role Administration													
Resource Administration													
Test/Suite Administration													
Virtual Services Administration													
DevTest Server Administration													
DevTest Server Monitoring													
CVS Administration													
Report Administration													
Metric/Event Administration													
CAI Administration													
CAI Administration (READ-ONLY)													
DevTest Workstation													
DevTest Workstation (Full-NoVS)													
DevTest Workstation (READ-ONLY)													
Cloud-Lab Integration	X	X	X	X	X	X	X	X	X	X	X	X	X

Default users *Test Administrators*, *PF Power*, *SV Power*, *Test Power* now have the additional permission to monitor Registry and Simulator services. Default users *Runtime* and *Test Runner* still lack this permission. See the following pages on detailed default user permission specification.

## Default Roles

Changes to user permissions are **highlighted**.

Because of the removal of some permissions and entire permission groups (DevTest Console Administration, Cloud Lab integration) some default user roles now belong to a different Effective User Type.

## Restricted User Roles

### Guest

The *Guest* user role has no permissions, except for

- [DevTest Workstation](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Start DevTest Workstation	R	R
View a Suite	R	R
View a Test Case	R	R

This has not changed in 9.5.1.

	9.1	9.5.1
Effective User Type	Runtime User	Runtime User

## User

The *User* user role has privileges for

- [Test/Suite Administration](#) (full)
- [DevTest Console Administration](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Access DevTest Console	A	
View VSEasy Console	R	

- [DevTest Workstation \(READ-ONLY\)](#)
- [Cloud Lab Integration](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
List Available Labs	R	
Start/Stop Labs	R	
Expand Labs	R	

This has changed in 9.5.1. With the removal of permission groups DevTest Console Administration and Cloud Lab integration this default user role requires a Runtime User license in 9.5.1 only.

	9.1	9.5.1
Effective User Type	Test Power User	Runtime User

## Test Observer

The *Test Observer* user role has the same privileges as user role *User*,

Plus

- [Cloud Lab Administration](#) (full)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
List Available Labs	R	
Start/Stop Labs	R	
Expand Labs	R	
Kill Labs of other users	TP	

This has changed in 9.5.1. With the removal of permission group Cloud Lab integration this default user needs a Runtime User license in 9.5.1 only.

	9.1	9.5.1
Effective User Type	Test Power User	Runtime User

## Load Tester

User role *Load Tester* has the same privileges as user role *Test Observer*,

Plus

- [CVS Administration](#) (full)

This has not changed in 9.5.1. However, by the removal of permission group Cloud Lab integration this default user role needs a Runtime User license in 9.5.1 only.

	9.1	9.5.1
Effective User Type	Test Power User	Runtime User

### Test Runner

User role *Test Runner* has the same privileges as user role *Load Tester*,

Except

- [CVS Administration](#) (full)

Plus

- [DevTest Server Administration](#)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Monitor Coordinator	A	A
Monitor Registry	A	A
Monitor Simulator	A	A

- [DevTest Workstation](#) (full)

This has not changed in 9.5.1. User role *Test Runner* did **not** get the permissions to monitor Registry and Simulator services as other user roles got assigned.

	9.1	9.5.1
Effective User Type	SV Power User	SV Power User

### Test Administrator

User role *Test Administrator* has the same privileges as user role *Test Runner*

Plus

- [Virtual Services Administration](#) (full)
- [DevTest Server Administration](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Monitor Coordinator	A	A
Monitor Registry	A	A
Monitor Simulator	A	A

This has changed in 9.5.1. User role *Test Runner* did get the permissions to monitor Registry and Simulator services additionally.

	9.1	9.5.1
Effective User Type	SV Power User	SV Power User

### Runtime

User role *Runtime* has the same privileges as user role *Test Runner*,

Except

- [DevTest Workstation](#) (full)
- [Cloud Lab Integration](#) (full)

Plus

- [Virtual Service Administration](#)

- View VSE Dashboard
- [VSE Service Administration \(NO-HEAL\)](#)
- [CVS Administration](#) (full)
- [Report Administration](#) (full)
- [Pathfinder/CAI Administration \(READ-ONLY\)](#)
- [DevTest Workstation \(READ-ONLY\)](#)
- [Cloud Lab Integration](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
List Available Labs	R	
Expand Labs	R	

This has not changed in 9.5.1. The removal of permission group Cloud Lab integration has no effect on the effective User Type of this default role.

	9.1	9.5.1
Effective User Type	PF Power User	CAI Power User

## Power User Roles

### Super User

The *Super User* role has all available privileges.

This has not changed in 9.5.1

	9.1	9.5.1
Effective User Type	SV Power User, PF Power User	SV Power User, CAI Power User

### DevTest Administrator

The *DevTest Administrator* role does not manage DevTest users and resources. Other than that, the *DevTest Administrator* has the same privileges as the *Super User* role,

Except

- [DevTest Console Administration](#) (partial)

Permission	Effective User Type required in 9.1
Access Server Console	A
Access Pathfinder Console	PFP

- [User and Role Administration](#) (full)
- [Resource Administration](#) (full)

This has not changed in 9.5.1. The removal of permission group *DevTest Console Administration* has no effect on the effective User Type of this default role.

	9.1	9.5.1
Effective User Type	SV Power User, PF Power User	SV Power User, CAI Power User

## PF/CAI Power

User role *PF Power* was renamed in DevTest 9.5.1 to *CAI Power*. This role has the same permissions as user role *DevTest Administrator*,

Except

- [Virtual Service Administration](#) (full)
- [DevTest Server Administration](#) (full)
- [DevTest Workstation](#) (full)

Plus

- [Virtual Services Administration](#) (partial)
  - View VSE Dashboard
  - [VSE Server Administration](#)
    - [Monitor VSE Server \(A\)](#)
  - [VSE Service Administration](#) (NO-HEAL)
- [DevTest Server Administration](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Monitor Coordinator	A	A
Monitor Registry	A	A
Monitor Simulator	A	A

- [DevTest Workstation \(FULL-NoVS\)](#)

This has changed in 9.5.1. User role *CAI Power* has got assigned additional permissions to monitor VSEs, registries, simulators. None of the permission changes has an impact on the Effective User Type of this default user role.

	9.1	9.5.1
Effective User Type	PF Power User	CAI Power User

## SV Power

User role *SV Power* has the same permissions as user role *DevTest Administrator*,

Except

- [Virtual Service Administration](#) (full)
- [DevTest Server Administration](#) (full)
- [Pathfinder/CAI Administration](#) (full)

Plus

- [DevTest Console Administration](#) (partial)

Permission	Effective User Type required in 9.1
Access Server Console	A

- [Virtual Service Administration](#) (partial)
  - View VSE Dashboard
  - [VSE Server Administration](#)
    - [Monitor VSE server \(R\)](#)
  - [VSE Service Administration](#) (full)

- [DevTest Server Monitoring](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Monitor Coordinator	A	A
Monitor Registry	A	A
Monitor Simulator	A	A

This has changed in 9.5.1. User role *SV Power* has got assigned additional permissions to monitor registries and simulators. None of the permission changes has an impact on the Effective User Type of this default user role.

	9.1	9.5.1
Effective User Type	SV Power User	SV Power User

Test Power

Same as *DevTest Administrator*

Except

- [Virtual Service Administration](#) (full)
- [DevTest Server Administration](#) (full)
- [Pathfinder/CAI Administration](#) (full)
- [DevTest Workstation](#) (full)

Plus

- [Virtual Service Administration](#) (partial)
  - View VSE Dashboard (R)
  - [VSE Service Administration \(NO-HEAL\)](#)
- [DevTest Server Administration](#) (partial)

Permission	Effective User Type required in 9.1	Effective User Type required in 9.5.1
Monitor Coordinator	A	A
Monitor Registry	A	A
Monitor Simulator	A	A

- [DevTest Workstation \(FULL-NoVS\)](#)

This has changed in 9.5.1. User role *Test Power* has got assigned additional permissions to monitor registries and simulators. None of the permission changes has an impact on the Effective User Type of this default user role.

	9.1	9.5.1
Effective User Type	Test Power User	Test Power User

## Administrative User Roles

### System Administration (Runtime User)

User role *System Administrator* has no Test privileges, but permissions to maintain users and resources and to administer the DevTest services.

- [DevTest Console Administration](#)

Permission	Effective User Type required in 9.1
Access DevTest Console	A
Access Server Console	A

- [User and Role Administration](#)
- [Resource Administration](#)
- [Virtual Service Administration](#)
  - [VSE Server Administration](#) (full)
- [DevTest Server Administration](#) (full)

This has changed in 9.5.1. Permissions of DevTest Console Administration were obsolete and removed, but none of the permission changes has an impact on the Effective User Type of this default user role.

	9.1	9.5.1
Effective User Type	Runtime User	Runtime User

## Resource Groups

## Audit Log