

Usage Profile Support for Application Server 9.1

I. Standalone Application Server PE Bundle.

Available profiles - developer , cluster - enterprise

developer profile					
Index	Priority	Test-Id	Testcase-description	Status	Comments
1	P1	pe-dev-start	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	pe-dev-jks	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain uses JKS based security store 		
3	P1	pe-dev-quickstart	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain uses quickstartup by default 		
4	P1	pe-dev-sec-manager	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain java platform security manager is disabled 		
5	P1	pe-dev-adminurl	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain das is running in http://localhost:4848 		
6	P1	pe-dev-acc-logging	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain http access logging is disabled 		
7	P1	pe-dev-jms-type	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain JMS implementation type is EMBEDDED 		
8	P1	pe-dev-cluster	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • Try to create a cluster and a instance in it • verify that the above commands fail 		
9	P1	pe-dev-	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		

		version			
cluster profile					
1	P1	pe-cluster-start	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	pe-cluster-jks	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain uses JKS based security store 		
3	P1	pe-cluster-quickstart	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain quickstartup is false by default 		
4	P1	pe-cluster-sec-manager	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain java platform security manager is disabled 		
5	P1	pe-cluster-adminurl	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain das is running in http://localhost:4848 		
6	P1	pe-cluster-acc-logging	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain http access logging is disabled 		
7	P1	pe-cluster-hrtbeat	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain heart beat is disabled 		
8	P1	pe-cluster-jms-type	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain JMS implementation type is EMBEDDED for DAS and local for instances. 		
9	P1	pe-cluster-session	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify session replication is available in cluster profile 		
10	P1	pe-cluster-cluster	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • create a cluster and a instance in it • start the cluster • verify the above operation succeeds. 		

11	P1	pe-cluster-hadb	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • Try to create a cluster with --autohadb=true • verify that the above commands fail 		
12	P1		<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
enterprise					
1	P1	pe-entrp-start	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	pe-entrp-nss	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain uses NSS based security store 		
3	P1	pe-entrp-quickstart	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain not uses quickstartup by default 		
4	P1	pe-entrp-sec-manager	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain java platform security manager is enabled 		
5	P1	pe-entrp-adminurl	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain das is running in https://localhost:4849 		
6	P1	pe-entrp-acc-logging	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain http access logging is enabled 		
7	P1	pe-entrp-hrtbeat	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain heart beat is enabled 		
8	P1	pe-entrp-jms-type	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain JMS implementation type is LOCAL 		
9	P1	pe-entrp-session	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify session replication is available in enterprise profile with HADB 		

10	P1	pe-entrp-cluster	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • create a cluster and a instance in it • start the cluster • verify the above operation succeeds. 		
11	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
12	P1	pe-entrp-ha	<ul style="list-style-type: none"> • Install NSS , HADB and LB plugin software • verify HADB session persistence works in PE build. • verify Load balancing works 		

II. Standalone Application Server EE Bundle.

Available profiles - developer , cluster , enterprise

developer profile					
Index	Priority	Test-Id	Testcase-description	Status	Comments
1	P1	ee-dev-start	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	ee-dev-jks	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain uses JKS based security store 		
3	P1	ee-dev-quickstart	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain uses quickstartup by default 		
4	P1	ee-dev-sec-manager	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain java platform security manager is disabled 		
5	P1	ee-dev-adminurl	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain das is running in http://localhost:4848 		
6	P1	ee-dev-acc-logging	<ul style="list-style-type: none"> • create domain with developer profile • start the domain 		

			<ul style="list-style-type: none"> • verify the domain http access logging is disabled 		
7	P1	ee-dev-jms-type	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain JMS implementation type is EMBEDDED 		
8	P1	ee-dev-session	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify session replication is not available in developer profile 		
9	P1	ee-dev-cluster	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • try to create a cluster and a instance in it • verify the above commands fail 		
10	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
cluster profile					
1	P1	ee-cluster-start	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	ee-cluster-jks	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain uses JKS based security store 		
3	P1	ee-cluster-quickstart	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain quickstartup is false by default 		
4	P1	ee-cluster-sec-manager	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain java platform security manager is disabled 		
5	P1	ee-cluster-adminurl	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain das is running in http://localhost:4848 		
6	P1	ee-cluster-acc-logging	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain 		

			<ul style="list-style-type: none"> • verify the domain http access logging is disabled 		
7	P1	ee-cluster-hrtbeat	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain heart beat is disabled 		
8	P1	ee-cluster-jms-type	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain JMS implementation type is EMBEDDED 		
9	P1	ee-cluster-session	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify session replication is available in cluster profile 		
10	P1	ee-cluster-cluster	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • create a cluster and a instance in it • start the cluster • verify the above operation succeeds. 		
11	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
enterprise profile					
1	P1	ee-entrp-start	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	ee-entrp-nss	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain uses NSS based security store 		
3	P1	ee-entrp-quickstart	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain not uses quickstartup by default 		
4	P1	ee-entrp-sec-manager	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain java platform security manager is enabled 		
5	P1	ee-entrp-adminurl	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain 		

			<ul style="list-style-type: none"> • verify the domain das is running in https://localhost:4849 		
6	P1	ee-entrp-acc-logging	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain http access logging is enabled 		
7	P1	ee-entrp-hrtbeat	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain heart beat is enabled 		
8	P1	ee-entrp-jms-type	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain JMS implementation type is LOCAL 		
9	P1	ee-entrp-session	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify session replication is available in enterprise profile 		
10	P1	ee-entrp-cluster	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • create a cluster and a instance in it • start the cluster • verify the above operation succeeds. 		
11	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		

III. GlassFish

Available profiles - developer , cluster , enterprise

developer profile					
Index	Priority	Test-Id	Testcase-description	Status	Comments
1	P1	glassfish-dev-start	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	glassfish-dev-jks	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain uses JKS based security 		

			store		
3	P1	glassfish-dev-quickstart	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain uses quickstartup by default 		
4	P1	glassfish-dev-sec-manager	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain java platform security manager is disabled 		
5	P1	glassfish-dev-adminurl	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain das is running in http://localhost:4848 		
6	P1	glassfish-dev-acc-logging	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain http access logging is disabled 		
7	P1	glassfish-dev-jms-type	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain JMS implementation type is EMBEDDED 		
8	P1	glassfish-dev-foreground	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify the domain starts up in the foreground 		
9	P1	glassfish-dev-session	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • verify session replication is not available in developer profile 		
10	P1	glassfish-dev-cluster	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • Try to create a cluster and a instance in it • verify the above commands fails 		
11	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
cluster profile					
1	P1	glassfish-cluster-start	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • domain should start fine • verify the domain capabilities according 		

			to this profile		
2	P1	glassfish-cluster-jks	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain uses JKS based security store 		
3	P1	glassfish-cluster-quickstart	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain quickstartup is false by default 		
4	P1	glassfish-cluster-sec-manager	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain java platform security manager is disabled 		
5	P1	glassfish-cluster-adminurl	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain das is running in http://localhost:4848 		
6	P1	glassfish-cluster-access-logging	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain http access logging is disabled 		
7	P1	glassfish-cluster-hrtbeat	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain heart beat is disabled 		
8	P1	glassfish-cluster-jms-type	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain JMS implementation type is EMBEDDED 		
9	P1	glassfish-cluster-foreground	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify the domain starts up in the foreground 		
10	P1	glassfish-cluster-session	<ul style="list-style-type: none"> • create domain with cluster profile • start the domain • verify session replication is available in cluster profile 		
11	P1	glassfish-cluster-cluster	<ul style="list-style-type: none"> • create domain with developer profile • start the domain • create a cluster and a instance in it • start the cluster 		

			<ul style="list-style-type: none"> • verify the above operation succeeds. 		
12	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
enterprise					
1	P1	glassfish-entrp-start	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • domain should start fine • verify the domain capabilities according to this profile 		
2	P1	glassfish-entrp-jks	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain uses NSS based security store 		
3	P1	glassfish-entrp-quickstart	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain not uses quickstartup by default 		
4	P1	glassfish-entrp-sec-manager	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain java platform security manager is enabled 		
5	P1	glassfish-entrp-adminurl	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain das is running in https://localhost:4849 		
6	P1	glassfish-entrp-acc-logging	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain http access logging is enabled 		
7	P1	glassfish-entrp-hrtbeat	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain heart beat is enabled 		
8	P1	glassfish-entrp-jms-type	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify the domain JMS implementation type is LOCAL 		
9	P1	glassfish-entrp-session	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • verify session replication is available in enterprise profile 		

10	P1	glassfish-entrp-cluster	<ul style="list-style-type: none"> • create domain with enterprise profile • start the domain • create a cluster and a instance in it • start the cluster • verify the above operation succeeds. 		
11	P1	pe-entrp-version	<ul style="list-style-type: none"> • verify verison --verbose returns PE 		
12	P1	pe-entrp-ha	<ul style="list-style-type: none"> • Install NSS , HADB and LB plugin software • verify HADB session persistence works in PE build. • verify Load balancing works 		

Total tests

Index	Feature	Total Tests
1	PE - dev profile	9
2	PE - cluster profile	12
3	PE - enterprise profile	12
4	EE - dev profile	10
5	EE - cluster profile	11
6	EE - enterprise profile	11
7	glassfish - dev profile	11
8	glassfish - cluster profile	12
9	glassfish - enterprise profile	12
		100

References

1. [Usage Profiles one pager](#)