



everywhere

Security Director 19.4R1 Hot-Patch Release Notes

Version V1

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Overview

SD-19.4R1-hotpatch-v1 is a cumulative patch released for Security Director. This document provides instructions to install this hot-patch and the list of issues addressed in the hot-patch. The SD-19.4R1-hotpatch-v1 should be installed on Security Director [19.4R1.53](#) release.

The hot-patch installer will back-up all files which will get modified or replaced on hot-patch installation.

Note: Please ensure that you have taken a [database backup](#) of Junos Space Network Management Platform before applying the hot patch.

Hot patch Installation involves following steps,

- JBoss, JBoss-DC and Watchdog services will be stopped.
- Backup of the existing configuration files and ear files will be taken.
- The ear files and configuration files will be replaced
- Watchdog process will be restarted which in turn will restart JBoss and JBoss-DC services.
- A marker file `/etc/.SD-19.4R1-hotpatch-v1` will be created with the list of PRs fixed as part of this hot-patch.

Installation Instructions

Hot patch installation can happen in two ways based on the argument provided,

- STANDALONE
- CLUSTER

STANDALONE

Standalone option will install hot-patch on single node of a cluster. User has to install hot-patch on every nodes of a cluster using standalone option. Following steps must be executed on individual nodes of a cluster,

- Copy the file SD-19.4R1-hotpatch-v1.tgz to the location /home/admin of the node
- Verify the checksum of the hot patch
`md5sum SD-19.4R1-hotpatch-v1.tgz`
- Extract the SD-19.4R1-hotpatch-v1.tgz file
`tar -zxvf SD-19.4R1-hotpatch-v1.tgz`
- Execute patchme.sh script in the SD-19.4R1-hotpatch-v1 folder by providing the argument as standalone
`sh patchme.sh STANDALONE`

CLUSTER

Cluster option will install hot-patch on every nodes of a cluster. Following steps must be executed on [VIP node](#) alone,

- Copy the file SD-19.4R1-hotpatch-v1.tgz to the location /home/admin of the VIP node
- Verify the checksum of the hot patch
`md5sum SD-19.4R1-hotpatch-v1.tgz`
- Extract the SD-19.4R1-hotpatch-v1.tgz file
`tar -zxvf SD-19.4R1-hotpatch-v1.tgz`
- Execute patchme.sh script in the SD-19.4R1-hotpatch-v1 folder by providing the argument as cluster
`sh patchme.sh CLUSTER`

Note: Applying hot-patch with argument as CLUSTER on VIP node will install hot-patch on all other nodes in the cluster.

Resolved Issues in the Hot-Path

Enhancements

IDP template support
License management feature enhancements

PR Details

PR Number	Issue Synopsis	Fix in Hot Patch #
1451532	Search not working for service range	V1
1486183	Renamed IPS policy are not getting referenced in FW policy for JunOS VSRX 3	V1

1480647	VPN does not come up due to SD not generating unique IKE policy	V1
1484611	Juniper Space SD is not correctly pushing PSK to VPNS (PSK is double encrypted on the firewall)	V1
1485780	Unable to export filtered PDF	V1
1469745	Search failing for service objects for IPS policy in SD	V1
1479795	Policy Push Problem for devices	V1

Note: JBoss will take around 10 – 15 minutes to start all its services. If hot patch contains UI fix, please clear your web browser's cache in case the latest changes will not reflect in UI.