

# TPAM OSPATCH\_4474419

## Hotfix Notes

### February 2020

This hotfix includes the changes listed in the following sections. One Identity may generate additional hotfixes for future releases of the product.

## About this hotfix

This patch includes a Microsoft patch that introduces SHA-2 code signature to support future Microsoft updates. This patch is required to be installed prior to upgrading to TPAM 2.5.923. The minimum version required for installing this patch is 2.5.920. This hotfix addresses the issue described in Knowledge Article 313930 available at <https://support.oneidentity.com/tpam-appliance/kb/313930>.

## Resolved issues

The following is a list of issues resolved in this hotfix.

**Table 1: Resolved issues**

Resolved issue	Issue ID
KB4474419: This update introduces SHA-2 code sign support for Windows 7 SP1, Windows Server 2008 R2 SP1, and Windows Server 2008 SP2.	10528
KB4490628: This update makes quality improvements to the servicing stack component that installs Windows updates and addresses an issue in the servicing stack when you install an update that has been signed by using only the SHA-2 hash algorithm.	10528

# Applicability of this hotfix

Table 2: Products affected by this hotfix

Product name	Version
TPAM	2.5.920- 2.5.922

## Installing this hotfix

### To install the hotfix:

- NOTE:** For customers with replicas start at Step 1. If patching a standalone TPAM proceed to Step 6.
1. Log in to the TPAM /admin interface.
  2. Set the **Replication Interval** global setting to a minimum value of **900**.
  3. On the Cluster Management page select the Primary from the role list and click the **Restart Clustering** button.
  4. On the Cluster Management page select each Replica from the role list and set the **Failover Timeout** to **3600**.
  5. Set the **Database Backup Set Max Incr Usage MB** global setting to a value of **4096**.
  6. On the Cluster Management page set the Run level to **Maintenance**.
  7. Take a backup of the TPAM appliance.
  8. Copy the supplied .zip file to your local computer.
  9. Select **Maint | Apply a Patch** from the menu.
  10. Click the **Select File** button.
  11. Click the **Browse** button. Select the patch file that you saved locally.
  12. Click the **Upload** button.
  13. Type **6sh05zV7H8** in the in the **Key** box.
  14. Type **/genkey** in the **Options** box.
  15. By default, if you are applying a patch to a primary member of a cluster, the replicas in the cluster will be listed and highlighted in the Target Replicas list. If any of the replicas are deselected, the patch will not be applied to it, unless it is directly applied by logging on to the replica or applying to the replica through the CLI/API.
  16. Click the **Apply Patch** button.

17. Monitor the patch log to confirm that the patch has been applied to the Primary. Once confirmed REBOOT the primary. **IF YOU DO NOT REBOOT THE PRIMARY AFTER THE PATCH SUCCESSFULLY COMPLETES THE PATCH WILL NOT REPLICATE TO THE REPLICAS.**
18. Confirm that the patch has finished applying to all the replicas by monitoring the Proc Log on each replica. Once the patch completes on each replica reboot the replicas.
19. Put the TPAM primary appliance back at a run level of **Operational**.

## Verifying successful completion

### *To determine if this hotfix is installed*

1. Click the **Patch Log** tab.
2. To set the log refresh interval, select **Refresh Results every X seconds**.
3. Once the hotfix has been applied there will be a message in the patch log stating "Patch successfully applied to system".

## Removing this hotfix

To remove this hotfix the TPAM appliance can be restored using the backup taken prior to applying the hotfix. We recommend discussing this with Technical Support prior to completing the restore.

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