Verify Software Installation

For supported software information, click [here](#).

This article describes how to verify the Versa Operating System[TM] (VOS[TM]) software installation on a Versa branch appliance.

Verify that VOS services are running:

> admin@SDWAN-Branch1:~$ **vsh status**

For example:

```
admin@SDWAN-Branch1:~$ vsh status
[sudo] password for admin:
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
FlexVNF subjugated to Versa Director.
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
versa-service        is Running,        [*] process 8635
versa-infmgr         is Running,        [-] process 8552
versa-rfd            is Running,        [-] process 8799
versa-vmod           is Running,        [-] process 8792
versa-ip2user        is Running,        [-] process 8804
versa-imgr           is Running,        [-] process 8810
versa-acctmgrd       is Running,        [-] process 8785
versa-fltrmgr        is Running,        [-] process 8569
versa-vstated        is Running,        [-] process 8549
versa-spack          is Running,        [-] process 8964
versa-addrmgrd       is Running,        [-] process 8807
versa-rt-cli-xfm     is Running,        [-] process 8761
versa-rtd            is Running,        [-] process 8814
versa-dhcpd          is Running,        [-] process 8560
versa-eventd         is Running,        [-] process 8788
versa-vrrpd          is Running,        [-] process 8565
versa-dnsd           is Running,        [-] process 8567
versa-ppmd           is Running,        [-] process 8757
versa-snmp-xform     is Running,        [-] process 8765
versa-certd          is Running,        [-] process 8808
versa-ntpd           is Running,        [*] process 8540
versa-dhclient6      is Running,        [-] process 8767
versa-redis          is Running,        [-] process 9620
versa-av-redis       is Running,        [-] process 8352
versa-spackmgr       is Running,        [-] process 8783
```

```
versa-monit      is Running,      [*] process 8992
versa-confd      is Running,      [*] process 8314
versa-fail2ban   is Running,      [*] process 9006
versa-auditd     is Running,      [*] process 9031
versa-nodejs     is Running,      [-] process 8651
admin@SDWAN-Branch1:~$
```

Verify the VOS software package on the Versa branch appliance:

```
admin@SDWAN-Branch1:~$ show system package-info
```

For example:

```
admin@SDWAN-Branch1-cli> show system package-info

Package          Versa FlexVNF software
Release          16.1-R2
Build            S8
Release date     20190210
Package id       37a3eb7
Package name     versa-flexvnf-20190210-074000-37a3eb7-16.1R2S8
Branch           16.1R2
Creator          shep
```

Verify the interfaces that are configured on the branch appliance. For example:

```
admin@SDWAN-Branch1-cli> show interfaces brief
NAME    MAC              OPER  ADMIN  TENANT  VRF    IP
---------------------------------------------------------------------
eth-0/0 52:0a:28:c6:b3:01 up    up     0      global 10.40.198.179/16
vni-0/0 52:0a:28:c6:b3:02 down  down   -      -
vni-0/1 52:0a:28:c6:b3:03 down  down   -      -
vni-0/2 52:0a:28:c6:b3:04 down  down   -      -
vni-0/3 52:0a:28:c6:b3:05 down  down   -      -
vni-0/4 52:0a:28:c6:b3:06 down  down   -      -
```

Supported Software Information

Releases 20.2 and later support all content described in this article.

Additional Information

Branch Initial Software Configuration
Branch Installation
Branch Overview