



ARISTA QUICK START GUIDE: How to install an extension on Arista 7150S ?

This document describes how to install an extension on Arista 7150 with the “Tap Aggregation” mode. The name of the current extension is called “tsda-1.0.b29.rpm”

These commands enter tap-agg configuration mode, then place the switch in tap aggregation mode.

```
switch(config)#tap aggregation
switch(config-tap-agg)#mode exclusive
switch(config-tap-agg)#show active
tap aggregation
mode exclusive
switch(config-tap-agg)#
```

These commands activate HTTP protocol mode

```
switch(conf)#username admin secret admin (HTTP request to use a PW
on user profile)
switch(conf)#Management api http-commands
switch(conf)#No protocol https
switch(conf)#Protocol http
switch(conf)#No shutdown
```

Upgrading the 7150 software release with an USB key

```
localhost login: admin
Password:
localhost>enable
localhost#dir flash:/
Directory of flash:/
```

-rwx	364011666	Jan 19 10:49	EOS-4.14.5FRO.swi
-rwx	29	Jan 19 10:52	boot-config
drwx	4096	Jan 19 11:01	debug
drwx	4096	Jun 7 07:25	persist
drwx	4096	Dec 10 2014	schedule
-rwx	1571	Mar 31 09:00	startup-config
-rwx	0	Jan 16 16:14	zerotouch-config

1584365568 bytes total (850587648 bytes free)

```
localhost#dir usb1:/arista/
Directory of usb1:/arista
```

-rwx	385352877	Jun 3 17:10	EOS-4.15.0F.swi
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-rwx 74500650

Jun 3 17:23 tsda-1.0.b29.rpm

4035358720 bytes total (462458880 bytes free)

```
localhost#copy usb1:/arista/EOS-4.15.0F.swi flash:/EOS-4.15.0F.swi
Copy completed successfully.
```

```
localhost#dir flash:/
Directory of flash:/
```

-rwx	364011666	Jan 19 10:49	EOS-4.14.5FRO.swi
-rwx	385352877	Jun 7 07:43	EOS-4.15.0F.swi
-rwx	29	Jan 19 10:52	boot-config
drwx	4096	Jan 19 11:01	debug
drwx	4096	Jun 7 07:25	persist
drwx	4096	Dec 10 2014	schedule
-rwx	1571	Mar 31 09:00	startup-config
-rwx	0	Jan 16 16:14	zerotouch-config

1584365568 bytes total (465231872 bytes free)

```
localhost#verify /md5 flash:EOS-4.15.0F.swi
verify /md5 (flash:EOS-4.15.0F.swi) =
5129b36325986164fd71891a49bd997f
```

```
localhost#configure terminal
localhost(config)#boot system flash:/EOS-4.15.0F.swi
localhost(config)#show boot-config
Software image: flash:/EOS-4.15.0F.swi
Console speed: (not set)
Aboot password (encrypted): (not set)
Memory test iterations: (not set)
```

```
localhost(config)#write memory
Copy completed successfully.
```

```
localhost(config)#reload
Proceed with reload? [confirm]
Broadcast message from root@localhost
      (unknown) at 7:47 ...
```

The system is going down for reboot NOW!

Installing the TSDA software from a USB key

```
localhost#copy usb1:/arista/tsda-1.0.b29.rpm flash:/
```



Copy completed successfully.

```
localhost#copy flash:/tsda-1.0.b29.rpm extension:/
```

Copy completed successfully.

```
localhost#show extension
```

Name	Version/Release	Status extension

tsda-1.0.b29.rpm	1.0/1	A, NI 1

A: available | NA: not available | I: installed | NI: not installed
| F: forced

```
localhost#conf
```

```
localhost(config)#extension tsda-1.0.b29.rpm
```

```
localhost#show extension
```

Name	Version/Release	Status extension

tsda-1.0.b29.rpm	1.0/1	A, I 1

A: available | NA: not available | I: installed | NI: not installed
| F: forced

```
localhost(config)#exit
```

```
localhost#write memory
```

Copy completed successfully.

Loading tsda in the boot-extension file

```
localhost#copy installed-extensions boot-extensions
```

Copy completed successfully.