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Supported devices

NetYCE Vendor modules

Currently netYCE supports the following Vendors:

Vendor	Model	OS version	Protocol	OS upgrades	File transfer protocols	Default protocol	Limitations	Command parsing	Config parsing	Cmpl config parsing
Alcatel	OmniSwitch		SSH		scp, sftp, ftp, tftp	scp		yes	yes	yes
Alcatel	TiMOS		SSH		scp	scp		yes	yes	yes
Arista	EOS	EOS 4.x	JSON API & SSH CLI support		sftp, ftp, scp, tftp	scp		yes	no	yes
Aruba	CX		SSH		sftp, tftp	sftp		yes	yes	yes
Aruba	MC	ArubaOS V8.5+	telnet/SSH		ftp, tftp, scp	ftp		yes	yes	yes
Aruba	MM	ArubaOS V8.5+	telnet/SSH		ftp, tftp	ftp		yes	yes	yes
Avaya	ERS	version 5.3+	telnet/SSH	yes	sftp, tftp	sftp		yes	yes	no
Avaya	VSP	all versions	telnet/SSH	yes	reverse ftp	reverse ftp		yes	no	no
Checkpoint		GAIA R77.30	SSH/REST		sftp, tftp	sftp		yes	no	yes
Ciena	6	SAOS 6	telnet/SSH		scp, tftp	scp		yes	yes	yes
Ciena	8	SAOS 8	telnet/SSH		scp, tftp	scp		yes	yes	yes
Cisco	ACI		SSH		scp,sftp	scp		yes	yes	yes
Cisco	IOS	all versions	telnet/SSH	yes	ftp, scp, tftp	ftp		yes	yes	yes
Cisco	IOS XR	all versions	telnet/SSH		sftp, scp, ftp, tftp	sftp	user section configuration needs to be generated separately and pushed using a scenario	yes	yes	yes
Cisco	Nexus	6.x	telnet/SSH	6.x	sftp, scp, ftp, tftp	sftp		yes	yes	yes
Cisco	WLC	8.1.131.0+	SSH		sftp, ftp, tftp	tftp		yes	no	no
Cisco	XE		SSH		ftp, scp, tftp	ftp		yes	yes	yes
Corvil	CNE		SSH		scp, ftp, tftp	scp		yes	no	no
F5		11.4+	SSH/REST		sftp, scp, ftp, tftp	sftp		yes	no	yes
Fortinet	Fortigate	FortiOS 4/5	telnet/SSH/vDoms		ftp, tftp	ftp		yes	no	no
Gigamon	GigaVUE		SSH		sftp, scp, ftp, tftp	scp		yes	yes	yes
HP	A-series	Comware 5	telnet/SSH		scp, ftp, tftp	ftp		yes	yes	yes
HP	All models	Comware 7	telnet/SSH		sftp, scp, ftp, tftp	ftp		yes	yes	yes
HP	All models	Procurve	SSH		tftp	tftp		yes	no	yes
Huawei	Cloud Engine	all versions	SSH		sftp, scp, ftp, tftp	sftp		yes	yes	yes

Vendor	Model	OS version	Protocol	OS upgrades	File transfer protocols	Default protocol	Limitations	Command parsing	Config parsing	Cmpl config parsing
Huawei	S series Switches	all versions	SSH		sftp, scp, ftp, tftp	sftp		yes	yes	yes
Juniper	Junos	all versions	telnet/SSH		sftp, scp, ftp, sftp	sftp		yes	yes	yes
Linux			SSH	not applicable						
Meinberg	LTOS		SSH		scp, sftp, ftp	scp		yes	yes	yes
MROTEK	Falcon		SSH/telnet		ftp, tftp	ftp		yes	no	no
PaloAlto	Firewall	all versions	telnet/SSH		scp, tftp	scp		yes	no	no
Perle	IOLAN		SSH		scp	scp		yes	yes	yes

Terminal server under development for generic out of band console (serial access) support

To support a new vendor or model we only need to know and develop a few things.

1. The kind of connectivity
2. how to log in
3. how to backup and restore a config
4. prompt management
5. error handling

This normally takes a developer one to five days to create a new module, depending on the vendor and the available expertise. Because of these high-level vendor modules we support a wide range of model families and OS-versions per module. The vendor specific information is provided by the engineers themselves using netYCE' templates.

The creation of a new vendor module is accessible for a customer, but normally this task is done by NetYCE at customer request. The Vendor Questionaire is leading in the creation of a new module.

Interface types per Vendor

Interface types are internally referenced using a vendor-independent type, the Port_class. Since each vendor uses various names for these interface types, the NetYCE vendor-modules translates these classes to the names used by the vendor.