

Feature Sheet

napp-it v.18 Release, Jan 2018



Options	Property	napp-it Free	napp-it Pro Complete	other
Hardware	Vendor lock-in Prefer serverclass hardware example SuperMicro, Dell, HP, Lenovo	no	no	
RAM (Solarish) prefer ECC	min. RAM (any poolsize) SoHo recommended VM/ Multiuser special use cases	2GB 4-8 GB 8-64 GB 64 GB+	2GB 4-8 GB 8-64 GB 64 GB+	
Capacity limit	OS or napp-it limited	no	no	
OS	Oracle Solaris Free Solaris forks OmniOS/OI Linux	yes yes partly	yes yes partly	
Commercial OS support	Oracle Solaris (www.oracle.com > shop) OmniOS CE (see www.omniosce.org)	yes (Oracle) yes (OmniOS-CE)	yes (Oracle) yes (OmniOS-CE)	
underlying OS	Updateable independently from Web-UI	yes	yes	
Web-UI	included Updateable independently from underlying OS commercial use allowed Web-UI compatible to CLI management Faster UI, appliance grouping and monitoring Advanced ZFS snap, clone support in Web-UI Updateable to Pro, Dev or bugfix editions Remote replication with snap retention policy Appliance menus (Diskmap, Security, Tuning Extended options for ACL, SAS, vnics	yes yes yes yes no no no no no no	yes yes yes yes yes yes yes yes yes yes	

Support (Web-UI only)	Updates, Bugfixes, Installation support (email without guaranteed reaction time)	no	yes
Consulting/Training	see http://kateleyco.com/open-zfs-solutions/openzfs-systems-design/	available	available
Core Services	Solarish SMB service	yes	yes
	use Windows SMB groups (can contain groups)	yes	yes
	Supported by the OS vendor (Oracle, Illumos)	yes	yes
	Fully integrated and part of ZFS	yes	yes
	Windows NTFS compatible ACL (zero config)	yes	yes
	Windows ACL inheritance (zero config)	yes	yes
	Use Windows AD SID in ZFS (zero config)	yes	yes
	AD Windows ACL on backup (zero config)	yes	yes
	AD Windows ACL after restore (zero config)	yes	yes
	ZFS Snaps als previous versions (zero config)	yes	yes
	NFS	yes	yes
	Supported by the OS vendor (Oracle, Illumos)	yes	yes
	Fully integrated and part of ZFS	yes	yes
	FC/iSCSI as part of OS and ZFS	yes	yes
	Supported by the OS vendor (Oracle, Illumos)	yes	yes
	Targets as filesystem property	yes	yes
	Backup/restore zvol/Lun with GUID (zero config)	yes	yes
	Rsync daemon as ZFS filesystem property	yes	yes
	SAMBA SMB service	opt	opt
ZFS	Genuine ZFS v.29+ (Solaris)	yes	yes
	Open-ZFS v.5000 (OmniOS,OI)	yes	yes
Storage appliance Setup	Manually: your hardware, OS of choice + Web-UI	yes	yes
	Barebone or setup as a virtual NAS/SAN	yes	yes
	Preconfigured image for Sata (Intel S3510-80)	yes	yes
	Preconfigured image for ESXi (ova template)	yes	yes

VM Support on Top	VirtualBox	yes	yes
	Linux zones (LX container from SmartOS)	yes (OmniOS)	yes (OmniOS)
	Solaris zones	yes (CLI)	yes (CLI)
	KVM	yes (CLI)	yes (CLI)

Extension Overview	In napp-it Pro you can set via GUI	Complete	ACL	Monitoring	Replication
	Updates to newer Pro, dev or bugfix editions	yes	yes	yes	yes
	GUI acceleration with background agents	yes	yes	yes	yes
	ZFS clone management	yes	yes	yes	yes
	Snap mass destroy in background	yes	yes	yes	yes
	Reports (Status and Alerts, extendable)	yes	yes	yes	yes
	email Support for installation problems	yes	no	no	no
	Appliance Maps (graphical map of diskbays)	yes	no	no	no
	Appliance Security (firewall settings via GUI)	yes	no	no	no
	Appliance Tuning (you can save/ define tuning sets)	yes	no	no	no
	File and Folder ACL that respects order of rules	yes	yes	no	no
	Share ACL (globally on shares not on files)	yes	yes	no	no
	Manage id-mappings with Active Directory Users	yes	yes	no	no
	Reset ACL recursively for a users or current folder	yes	yes	no	no
	User/ Group Quota for local user	yes	yes	no	no
	Backup/ restore User, mappings and napp-it cfg	yes	yes	no	no
	Realtime and longterm iostat and sys monitoring	yes	no	yes	no
	Page content refresh	yes	no	yes	no
	System stat control in an appliance group	yes	no	yes	no
	Disk localtion (mapping WWN to physical disk)	yes	no	yes	no
	Target location from logfile (target to WWN)	yes	no	yes	no
	Bridge, Vnic, vlan and aggregation settings	yes	no	yes	no
	Background updates for ZFS, Snap, smart and SAS	yes	no	yes	no
	Editing features (history, actions and script values)	yes	no	yes	no

Async highspeed replication between appliances	yes	no	no	yes
Snap policy on active replications (keep h,d,m,y)	yes	no	no	yes
Snap policy on active replications hold (n,days)	yes	no	no	yes
ZFS encryption + SMB User/ Auto Lock/Unlock (currently Solaris only, OI/ OmniOS soon)	yes	yes	yes	yes

License options

napp-it Free	free base version for end-user only (including commercial enduser with inhouse configuration by own staff) redistribution or configuration on customers demand is not allowed
napp-it Home	Pro version for noncommercial homeuse
napp-it Pro Edu	license for universities or public schools, on first order of napp-it complete a one year Campus key is included
napp-it Pro Bundling	required to bundle napp-it with hardware or setup on customers demand Bundling comes with a regular commercial license or part of a special agreement
napp-it Pro Commercial	is required for commercial use (named licenses related to hostame)

Licenses are available

as annual subscription or perpetual per server	single server keys are related to a machine-ID.
as a Twin License with two keys	For two servers or a server and a backup/failover system with two machine-ID depe
as a Location License	all Server at a location example campus or town with a key to generate unlimited m:

Order

Check options and request a quotation at	http://napp-it.org/extensions/quotation_en.html
Pay via PayPal or Creditcard with quotationnr	http://napp-it.org/extensions/pay_en.html
	optionally request bank details for bank transfers

After payment we will send you the invoice with the license ey
Schools and government institutions can request the invoice/ key prior payment