Feature Sheet	napp-it Release, Okt 2019		napp-it
Options	Property	napp-it Free v.18	napp-it Pro Complete
Hardware	Vendor lock-in	no	no
	Prefer serverclass hardware example SuperMicro, Dell, HP, Lenovo		
RAM (Solarish)	min. RAM (any poolsize))	2GB	2GB
prefer ECC	SoHo recommended	4-8 GB	4-8 GB
	VM/ Multiuser	8-64 GB	8-64 GB
	special use cases	64 GB+	64 GB+
Capacity limit	OS or napp-it limited	no	no
os	Oracle Solaris	yes	yes
	Free Solaris forks OmniOS/OI	yes	yes
	Linux (no support)	partly	partly
Commercial OS support	Oracle Solaris (www.oracle.com > shop)	yes (Oracle)	yes (Oracle)
	OmniOS CE (see www.omniosce.org)	yes (OmniOS-CE)	yes (OmniOS-CE)
underlying OS	Updateable independently from Web-UI	yes	yes
Web-UI	included	yes	yes
	Updateable independently from underlying OS	yes	yes
	commercial use allowed (napp-it v.18 free)	yes	yes
	Advanced ZFS snap, clone support in Web-UI	no	yes
	Updateable to Pro, Dev or bugfix editions	no	yes
	Remote replication with snap retention policy	no	yes
	Appliance menus (Diskmap, Security, Tuning	no	yes

Extended options for ACL, SAS, vnics

without guaranteed reaction time

Support (Web-UI only)

Updates, Bugfixes, Installation support (email)

no

no

yes

yes



other

Consulting/Training	see http://kateleyco.com/open-zfs-solutions/openzfs-systems-design/	available	available
Core Services	use Windows SMB groups (can contain groups) Supported by the OS vendor (Oracle, Illumos) Fully integrated and part of ZFS Windows NTFS compatible ACL (zero config) Windows ACL inheritance (zero config) Use Windows AD SID in ZFS (zero config) AD Windows ACL on backup (zero config) AD Windows ACL after restore (zero config) ZFS Snaps als previous versions (zero config) NFS Supported by the OS vendor (Oracle, Illumos)	yes	yes
	Fully integrated and part of ZFS  FC/iSCSI as part of OS and ZFS Supported by the OS vendor (Oracle, Illumos) Targets as filesystem property Backup/restore zvol/Lun with GUID (zero config) Rsync daemon as ZFS filesystem property	yes yes yes yes yes yes yes	yes yes yes yes yes yes yes
	Amazon S3 compatible cloud with minIO SAMBA SMB service	yes opt	yes (OmniOS) opt
ZFS	Genuine ZFS v.43+ (Solaris) Open-ZFS v.5000 (OmniOS,OI)	yes yes	yes yes
Storage appliance Setup	Manually: your hardware, OS of choice + Web-UI Barebone or setup as a virtual NAS/SAN Preconfigured image for ESXi (ova template)	yes yes yes	yes 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	yes	yes	yes	yes
	Cluster Control (active/passive with auto or manual failover)	yes	no	no	no
	Cluster member head, supports HA NFS and SMB failover with connected AD or local users	yes	yes	yes	yes
License options	napp-it Free v.18	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 Pro version for noncommercial homeuse  license for universities or public schools, on first order of napp-it complete a one year Campus key is included requried to bundle napp-it with hardware or setup on customers demand Bundling comes with a regular commercial license or part of a special agreement is requried for commercial use (named licenses related to hostame)			· · · · · · · · · · · · · · · · · · ·
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Licenses are available	as annual subscription or perpetual per server as a Twin License with two keys (Filer+Backup) as a Quad License (Cluster and Backup) as a Location License	single server keys are related to a machine-ID.  For two servers or a server and a backup/failover system with two machine-ID dependent keys  all servers at a location example campus or town			
Order Pricelist	Check options and request a quotation at Pay via PayPal or Creditcard with quotationnr https://napp-it.org/doc/downloads/pricelist.pdf	http://napp-it.org/extensions/quotation_en.html http://napp-it.org/extensions/pay_en.html optionally requst bank details for bank transf			k details for bank transfers
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