



# Xen & Now by SEP

## Citrix XenServer Online Backup



## SEP and Virtualization

When designing an overall virtual layout, backup and recovery options must be considered before implementation. Utilize best practices by centralizing the management and process control for ease of monitoring and securing the environment.

SEP sesam offers outstanding backup options for virtualization platforms, including Citrix XenServer, VMware, Hyper-V, and XEN. The fully integrated solutions offered by SEP sesam ease the installation into enterprise backup environments and allows for maximum flexibility when determining backup strategies.

## SEP's Xen & Now for Citrix XenServer

SEP sesam's Xen & Now for Citrix XenServer offers Disaster Recovery and functionality for Citrix VMs, which has been previously unavailable in the marketplace. The precise depiction of the XenServer infrastructure is displayed in the management interface showing available virtual guest systems simplifying planning and execution of automated backup processes. No additional effort is required to backup and protect any XenServer environment.

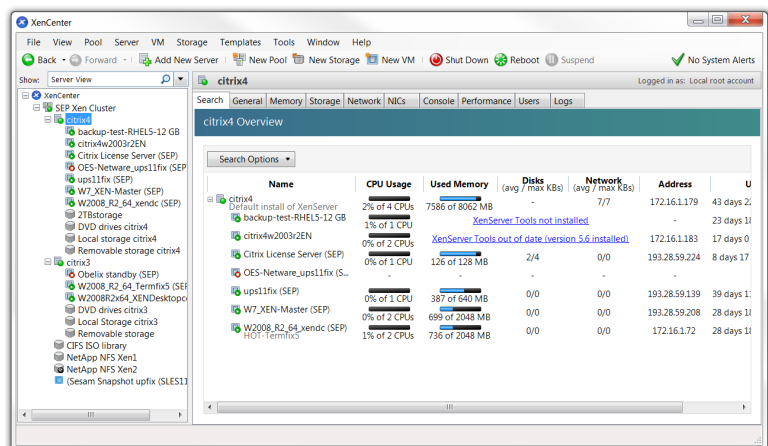
By implementing SEP sesam's Xen & Now, companies realize savings in operating expenses, time and manpower.

### Key Features

Agentless technology	✓
Prevents license activation loss	✓
Management interface integration	✓
Simplifies backup management with a single console for XenServer and the entire Enterprise	✓
Linux server snapshots	✓
Windows VSS server snapshots	✓
Encryption	✓
Can see all guests with authentication to the XenServer pool	✓
Can be used to keep a disaster recovery site in sync for a hot or cold availability solution	✓
Disaster recovery is used to synchronize your virtual machine to another pool or offsite location	✓
Can restore to other XenServer hosts or pools	✓
Can back up metadata & host-specific information	✓
Convert between Virtual and Physical Servers (V2P and P2V)*	✓
Backup methods:	Offline Backup, Online Live Memory Backup, Online Quiesced Backup, Online Normal Backup
Supported platform	XenServer 5.x and Greater

### Agentless Technology

The SEP sesam server is able to communicate natively with the XenServer environment using Citrix's application interface. No agent from SEP is required, saving you time in getting your environment prepared for backup.



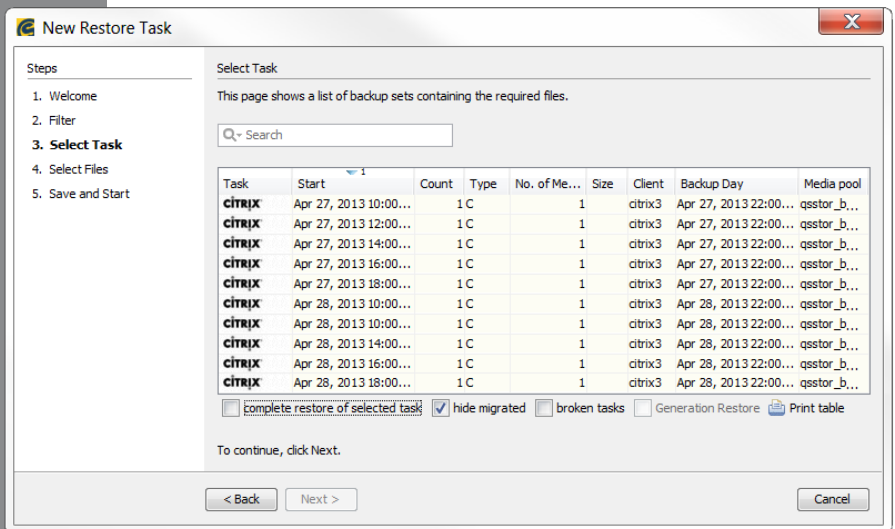
\* Only for Windows O/S with BSR addition

## Backup of XenDesktop Key Components

- Desktop delivery controller
- User-specific profiles
- Provisioning server
- Master image
- Metadata
- Templates
- SQL database
- Works with all virtualization platforms:
  - Citrix XenServer
  - VMware ESX
  - Microsoft Hyper-V

## Additional Features

- Can back up & restore servers from a bare metal state

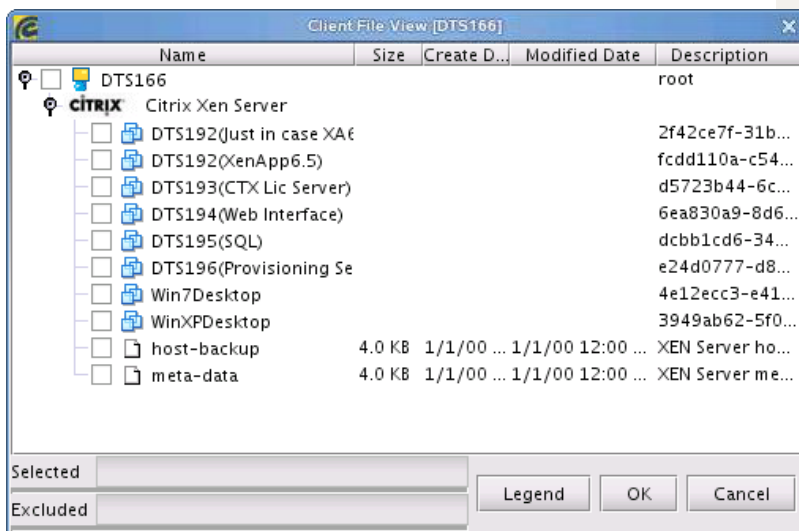


## Backup of XenApp Key Components

- XenApp Server
- User-specific profiles
- License server
- Citrix secure gateway
- Active directory
- Granular file and file share rights
- Server farm information
- System-specific information (included in system state)
- Works with all virtualization platforms:
  - Citrix XenServer
  - VMware ESX
  - Microsoft Hyper-V

## Additional Features

- Can back up & restore servers from a bare metal state



When backing your Citrix XenDesktop/XenApp environment, it is critical to be back up all components that make the system function. By using SEP's Xen & Now, you get a complete solution that will not only back up your Citrix XenDesktop/XenApp environment, but the rest of the enterprise, as well.