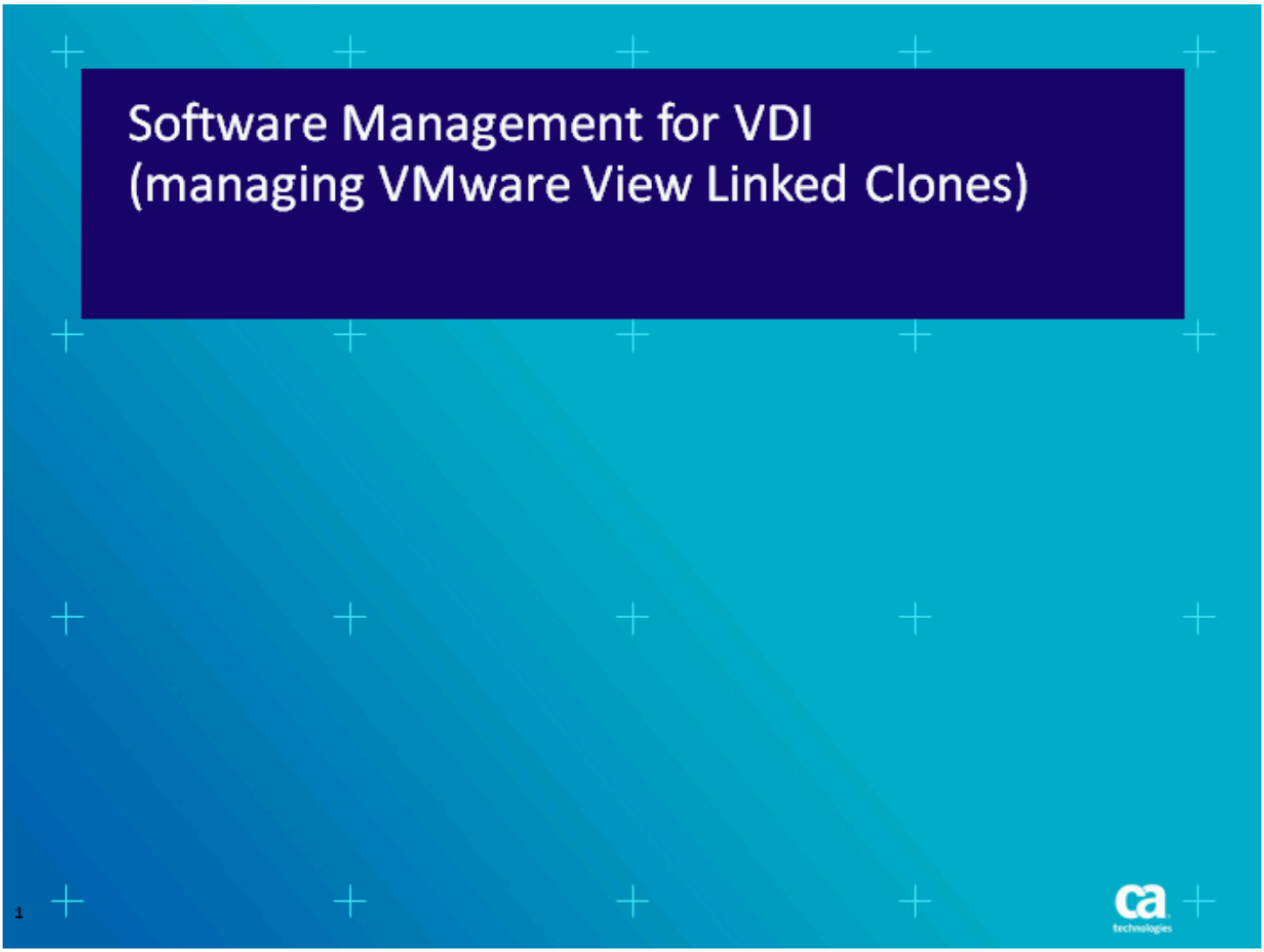

Software Management for VDI (managing VMware View Linked Clones)

Virtual Desktop Infrastructures

- *Virtual desktop projects and implementations have increased significantly over the past years*, however they are often managed separately from the physical estate
- Processes, procedures and policies regarding software/application entitlement, deployment and inventory therefore exist in different systems *making a consistent approach difficult*
- *This is especially true with VMware View's Linked Clone technology* where the dynamic nature of reset and recompose of golden images can wipe history away with a click

Benefits of Linked Clones

- Significantly smaller SAN storage requirements
- Easier patching updates
- Standardization

Challenges of Linked Clones

- All changes such as applications not in the golden image are frequently wiped away (data and personal settings can be stored on a persistent user disk or file server)
  - User requested software is removed
  - Policy based deployments beyond the golden image are removed
- Reporting on software inventory and associated licensing compliance is complicated and potentially misleading

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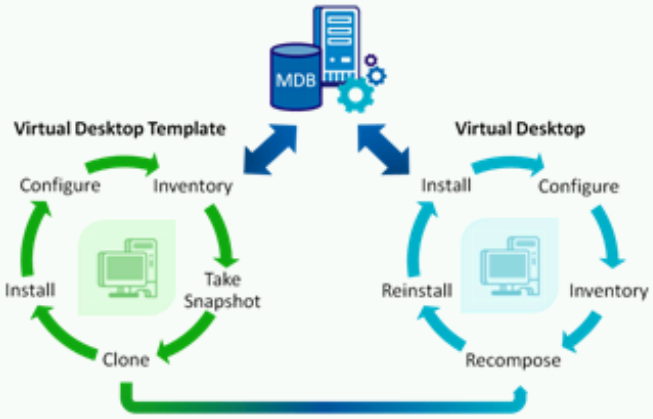
Virtual Desktop Infrastructures

Software Management for Virtual Desktop Infrastructures

Incorporating dynamic virtual desktops into a policy based and automated management paradigm

- Gold (Template) Image management for Linked Clones
- Automated deployment and re-deployment of additional software for Linked Clones
  - Policy based deployment across physical and virtual desktops
  - User requested software packages
- Emergency patching without image refresh
  - Patches can be omitted from re-deployment
- Consistent software inventory reporting across virtual and physical desktops with accurate history



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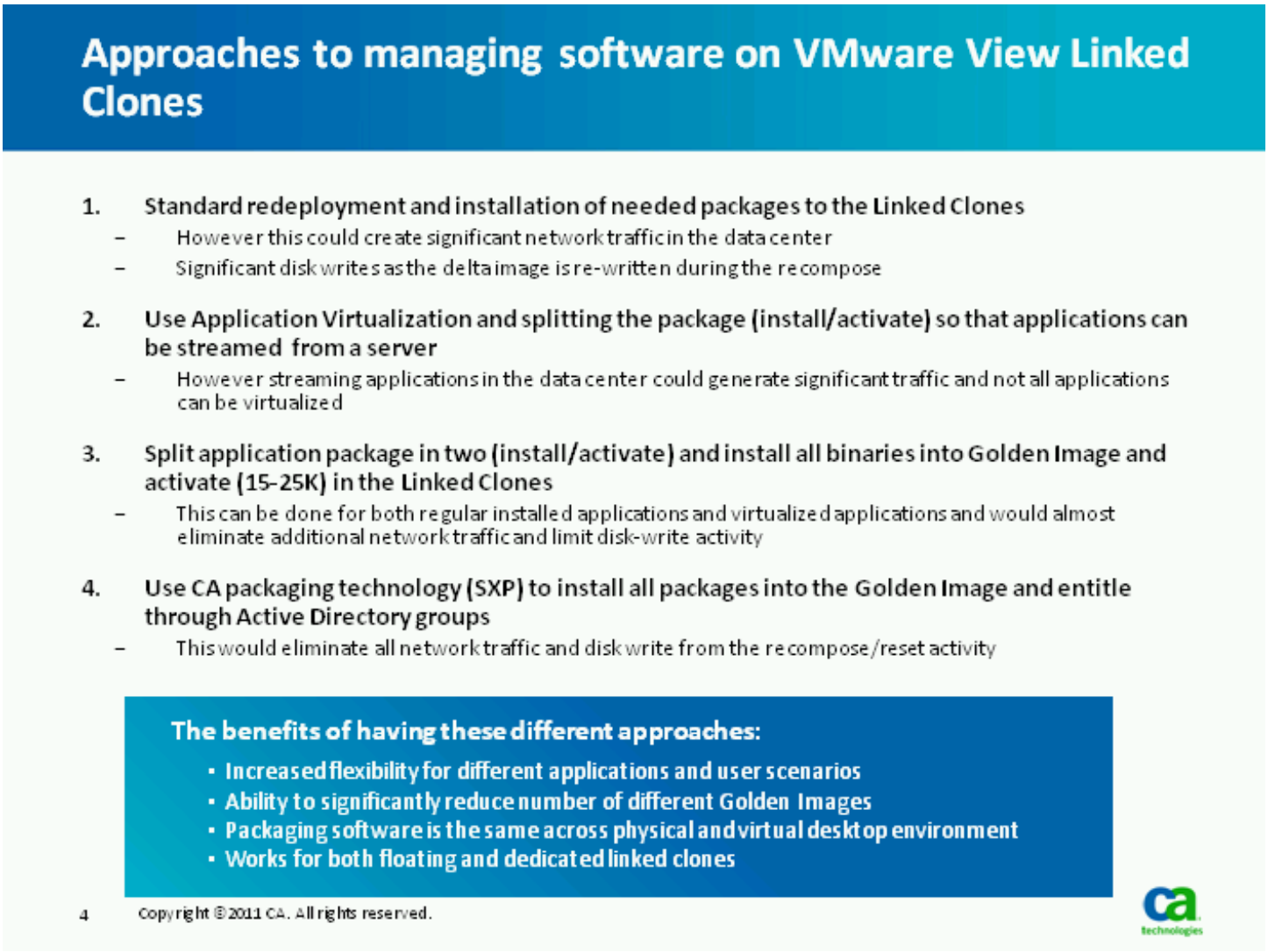
Software Management for Virtual Desktop Infrastructures



Approaches to managing software on VMware View Linked Clones