

# CA Client Automation Roadmap

November 2010



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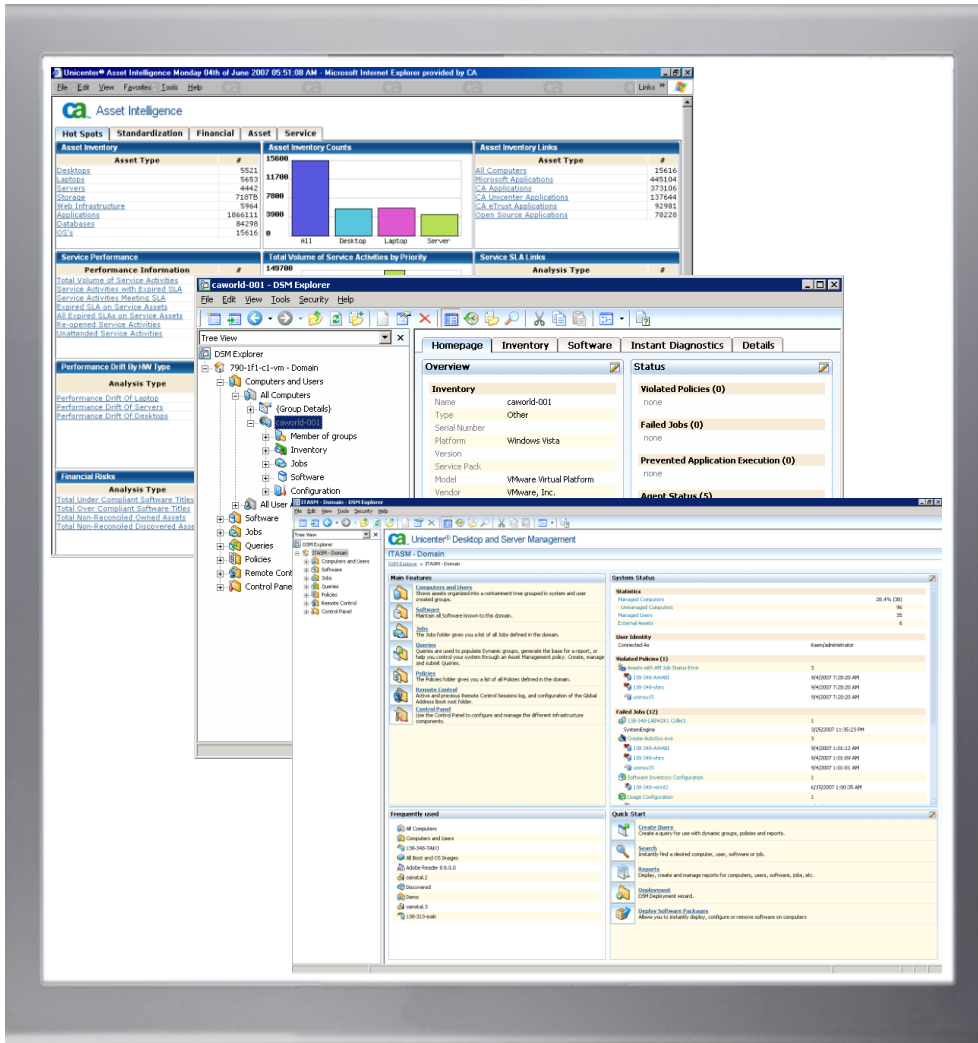
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# New Automation Solutions

- IT Client Manager was a cross platform management solution for mobile system, desktops, servers and LOB devices (POS, ATMs, Medical Devices)
- Spectrum Automation Manager, included capabilities from IT Client Manager but was focused on the data center / server environment
- With the new automation strategy, we will bring to market two purpose built solutions:
- CA Client Automation
  - Managing physical and virtual end-user devices
- CA Server Automation
  - Managing physical and virtual servers



## CA Client Automation at-a-glance



- **Asset inventory and discovery**
  - Automated discovery, inventory, configuration, usage and reporting
- **Software distribution and OS image management**
  - Policy-based software and patch deployment
- **Remote desktop control**
  - Access, control, view, manage and modify remote systems
- **Patch research and management**
  - Monitoring, research, testing, deployment
- **Desktop migration**
  - Refresh, OS deployment and desktop recovery

# End-User Computing is changing

## Consumerization is impacting IT


- 65% of Fortune 100 deploying/piloting iPads
- 80% of Fortune 1000 is providing iPhones
- Social Media is impacting corporations at all levels

## Usage patterns are changing

- Mobility, flexible workforce, contractors, BYOC
- Expectations have never been higher across instant satisfaction performance, flexibility, rate of change...
- Old categories obsolete (task, knowledge, power)

## Virtualization is coming to a pc near you

- Application virtualization and application streaming
- Desktop virtualization – centrally hosted or local
- Workspace/user virtualization



**This is  
transforming  
how data,  
applications  
and resources  
are provided  
to end-users**



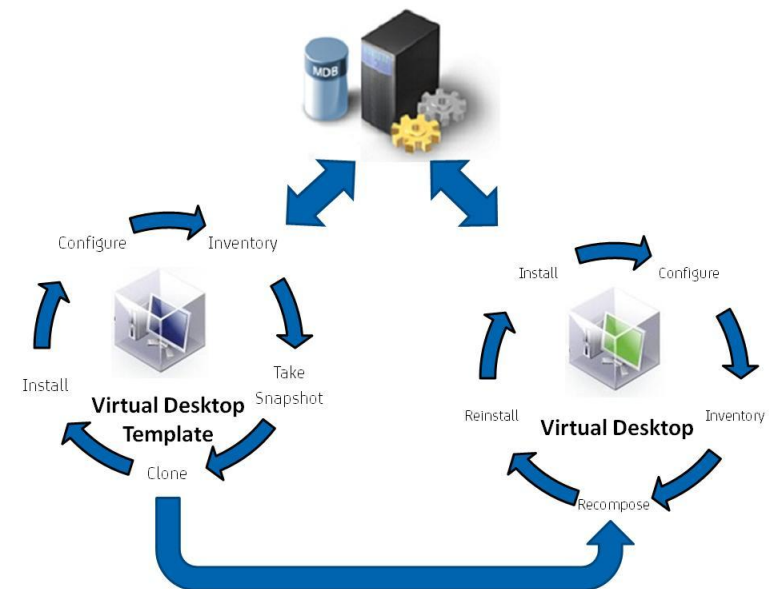
features to be  
delivered in the  
service stream



# software management for virtual desktop infrastructures

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

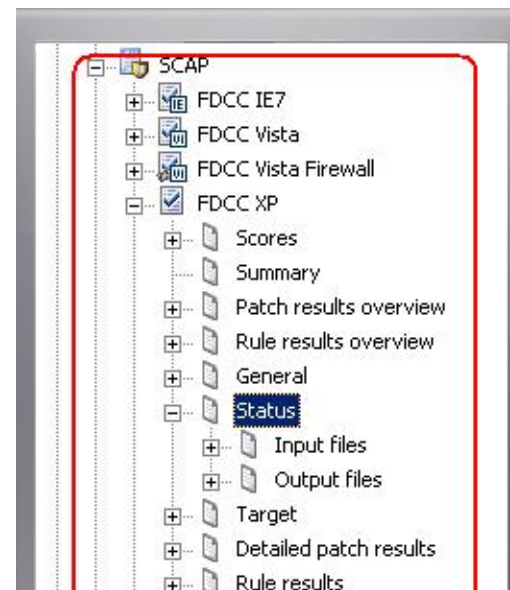
- VMware View
  - Automatically provision or re-provision ESX servers for virtual desktop infrastructure
  - Gold (Template) Image management for Linked Clones
  - Automated deployment and re-deployment of additional software for Linked Clones
    - Policy based deployment across physical and virtual desktops
    - User requested software packages
  - Consistent software inventory reporting across virtual and physical desktops with accurate history




# Device Compliance Scanner enhancements

## Quickly scan systems to facilitate compliance with security mandates

- Device Compliance Scanner
  - New name for the CA Client Automation SCAP FDCC Scanner
- Support additional Extensible Configuration Checklist Description Format (XCCDF) Features
- Support for all new checklists:
  - Federal Desktop Core Configuration (FDCC) format
  - US Government Configuration Baseline (USGCB) format



 Transforming IT Management.

CA Product Validation Information

Security Content Automation Protocol (SCAP) Product Validations						
Validation Number	Product Name	Version	Tested Platforms	SCAP Capabilities	Validation Date	Expiration Date
77	<a href="#">IT Client Manager</a>	R12.0	<ul style="list-style-type: none"><li>Microsoft Windows XP SP3</li><li>Microsoft Windows Vista SP1</li></ul>	<ul style="list-style-type: none"><li><a href="#">FDCC Scanner</a></li><li><a href="#">Product SCAP Info</a></li></ul>	March 31st, 2010	December 31st, 2010
35	<a href="#">IT Client Manager</a>	R11.2	<ul style="list-style-type: none"><li>Microsoft Windows XP Professional SP2</li></ul>	<ul style="list-style-type: none"><li><a href="#">FDCC Scanner</a></li><li><a href="#">Authenticated Configuration Scanner</a></li><li><a href="#">Product SCAP Info</a></li></ul>	October 8th, 2008	December 31st, 2010

### Defined Inventory Detection Modules







DSM Explorer > [1e44-winpjs3-v2 - Domain](#) > [Control Panel](#) > [Configuration](#)

#### Information

##### Description

To modify an existing Inventory Detection Module please select one and press properties.

#### Name

-  FDCC IE7 Checklist
-  FDCC Vista Checklist
-  FDCC Vista Firewall Checklist
-  FDCC Win XP Checklist
-  FDCC XP Firewall Checklist
-  General Inventory

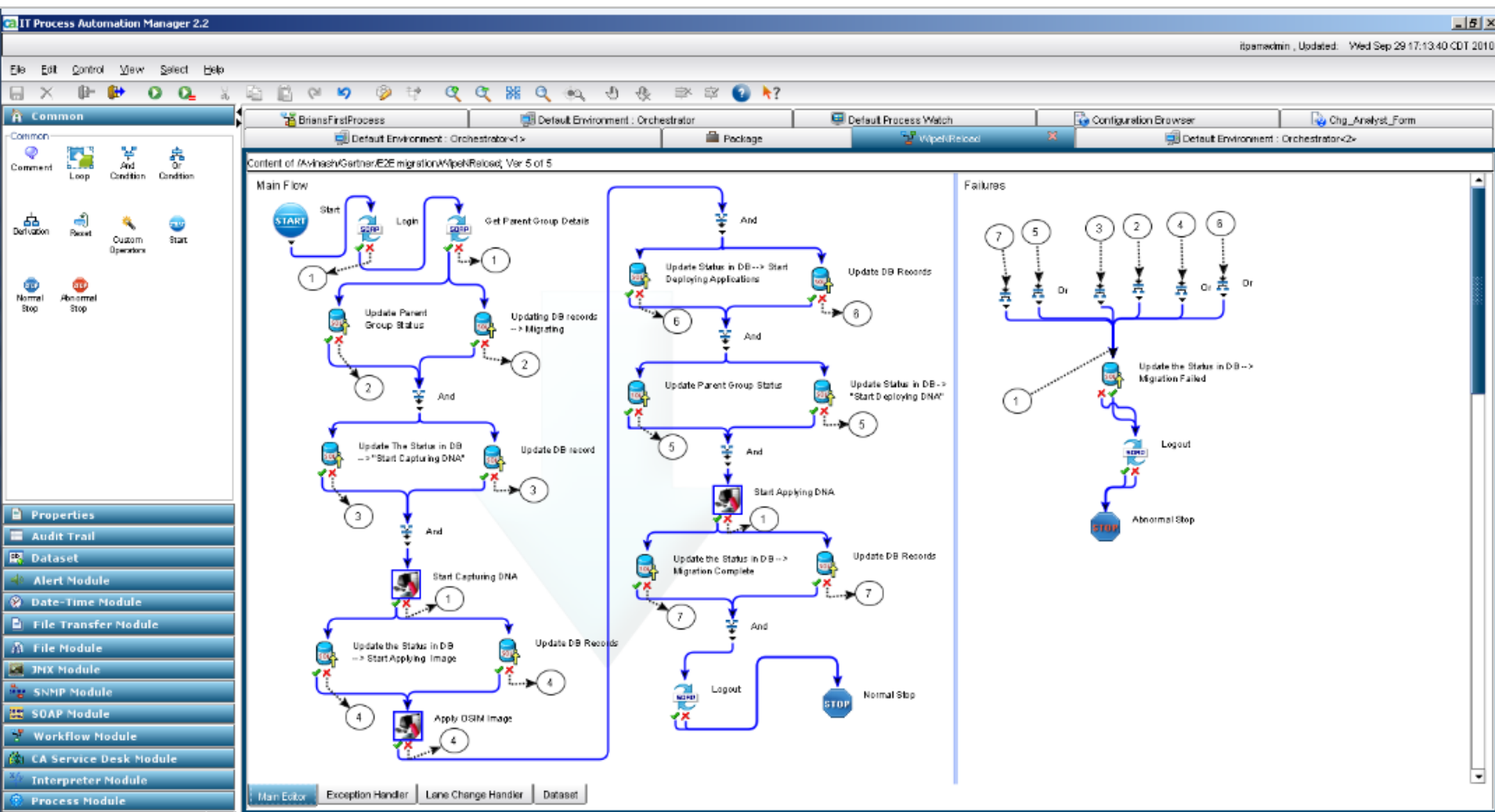


# Windows 7 automated deployment

## Streamline the Windows 7 end-to-end migration process

- Automate the Windows 7 deployment process
  - Infrastructure assessment
    - Enabling hardware compatibility assessment
  - Creation and management of images
  - Identification and deployment of core and supplemental applications
  - Migration of the end-user's data and settings
  - Management, servicing and reporting on the automated process
- Provide a comprehensive methodology based on industry best practices
- Helps to increase technician productivity, mitigate risk during deployment, reduce end-user downtime, lower support issues after change and reduce overall costs of deployment
- Support of settings migration for Microsoft Office 2010

# automated workflow content for desktop migrations



# additional features

## **CA Catalyst enables integrations across CA and third party products by enabling data level exchange and process control capabilities**

- Provide CA Catalyst Connector that will publish and consume information for cross product integration
  - Computers, discovered software and services
  - Alerts when a query or software policy is violated
  - Enable the use of any other compliant product (CA or 3rd party) as a source of discovery information

## **Support the latest releases of the infrastructure components**

- MDB
  - Support for Oracle 11g r2 on Windows, Solaris and Linux

features currently being considered for the next release

# extended hosted desktop infrastructure support

## Ensure hosted desktop infrastructures are able to be managed in a policy based and automated management paradigm

- Provide the capability to manage Citrix XenDesktops
  - Terminal services
  - Desktop pools
- Asset discovery and inventory
- Software delivery
- Remote control
- Patch management
- Certify the support of VMware View
  - Remote control
  - P2V and V2P migrations
  - OS Installation Manager (OSIM)



# enhanced support for virtual applications – Citrix XenApp

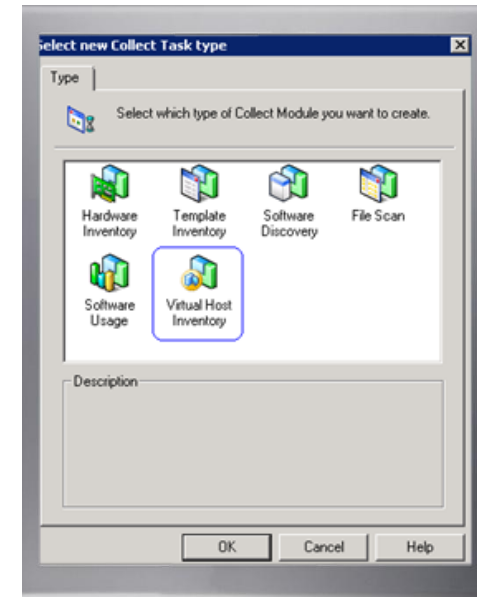
## Reduce management complexity and improve agility in highly heterogeneous IT environments

- Citrix XenApp virtual applications
  - Import virtual applications as software packages
  - Software delivery of virtual applications
  - Detect and report on virtual applications that exist in the environment
- Citrix XenApp hosted applications
  - Import hosted applications
  - Software delivery of hosted applications
  - Detect and report on hosted applications that exist in the environment

# enhanced virtual platform support

**Extend inventory of virtualized platform environments in order to get an accurate view of your IT asset base whether physical or virtual**

- Support additional platforms
  - Citrix XenServer
  - Microsoft Hyper-V
  - VMware ESXi
  - Windows 2008 R2
- OS Installation Management (OSIM)
- Software Delivery
- Remote Control



## Centrally configure, manage and enforce Green IT policies

- Ability to configure policy to centrally manage and control power settings
  - Initiate system shut down, hibernate or sleep
  - Shut off monitor
  - Custom message to user and the ability to cancel or defer

## Enable policy based automated management of remote systems

- Extended Network Connectivity (ENC)
  - Allows CA Client Automation components to establish the connections between end points behind firewalls or in a different IP address space
  - Windows ENC is supported in CA Client Automation r12.5
  - Extend the ENC client to also work for Linux systems

# additional features

## **Support diverse and highly distributed management infrastructure**

- Remote MDB installation for SQL and Oracle

## **Provide meaningful data across functional areas**

- Enhanced reporting for BusinessObjects Web Intelligence (BOXI)
  - Extend the universe – the data available for reporting
  - Add additional new reports

## **Support an increasingly mobile enterprise workforce**

- Configuration and management of location awareness
  - Any change in network location will be detected
  - Agent will automatically connect to the local scalability server

future releases



# features and functions currently being considered

**Ensure desktop virtualization technologies are able to be managed in a policy based and automated management paradigm**

- Microsoft Virtual PC
  - Discovery and inventory
  - Provisioning (OSIM)
  - Software delivery
  - Remote control
  - P2V and V2P migrations
- VMware View Offline Mode
  - Support administrative and user configuration functions
  - Discovery and inventory
- Citrix XenDesktop
  - OS installation management
  - P2V and V2P migrations
- Citrix XenClient – host and guest management
  - Discovery and inventory
  - Provisioning (OSIM)
  - Software delivery
  - Remote control
  - P2V and V2P migrations

# features and functions currently being considered

## Reduce management complexity and improve agility in highly heterogeneous IT environments

- Extend application virtualization to support Microsoft RemoteApp
  - Import and manage virtual applications
  - Discovery and inventory of virtual applications
  - Software delivery of hosted applications
- Enhance software usage metering
  - VMware ThinApp
  - Citrix XenApp
  - Microsoft App-V

# features and functions currently being considered

## Enhance the support of the MDB for easier administration of the infrastructure

- Move the MDB data and settings between domains
  - Enables release management and change control policies to be implemented
- Bridge MDB's between CA products
  - Bridges from SQL Server databases is already supported
  - Extend to support MDB bridges:
    - Oracle to Oracle
    - Oracle to SQL

# features and functions currently being considered

## Allow end users more control over their physical or virtual workspace

- Software Catalog enhancements
  - Configure the access to specific software end users are able to self install
  - Performance improvements
  - Allow the administrator to group software into logical groups to enable to quick location of desired software by end users
  - End users will be able to select multiple software packages to be delivered
  - Web enable the software catalog

# features and functions currently being considered

## Increase security and reduce risk

- Extended Support for Intel vPro
  - Support the new functions of Intel vPro such as the ability to initiate remote access even when a system is not powered on, disk encryption and the remote disk unlock features
- Enhance Patch Manager
  - Allow the direct import of Microsoft patches through the content delivery service
  - Integrate Patch Manager with the main interface of CA Client Automation
  - More closely integrate with Software Delivery functionality
  - Allow clients to create their own patch packages
- Extend support for additional anti-malware vendors



questions?

