Inside a TADDM Deployment

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Sensors

- Java class
- Agent less
- Use access protocols specific to the resource
- Emulates a user
- Sends data back to the server

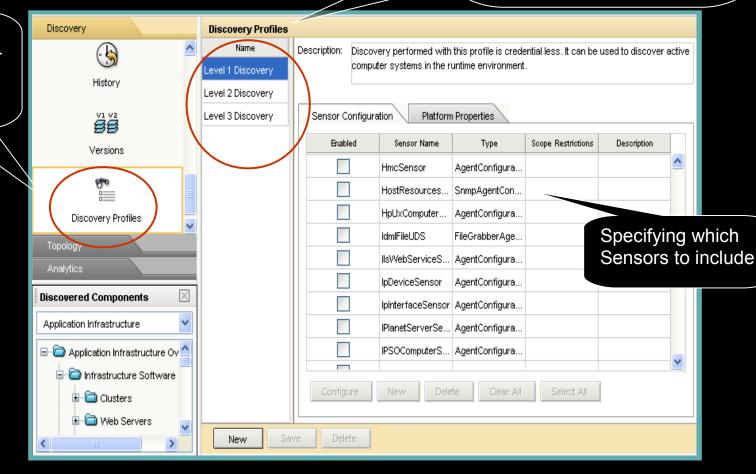


Profiles

Three default profiles are shipped with the product

- Levels 1-3 discovery
- Can't be modified
- Can be cloned

Icon in the
Discovery Drawer
for Discovery
Profiles



L1 Discovery

- Credential-free discovery
- Light-weight
- Fast
- Discovers computer systems and network devices



L1 Discovery

- Why would I want to do this?
 - Inventory IT assets on your network
 - Start building your CMDB by identifying Computer Systems



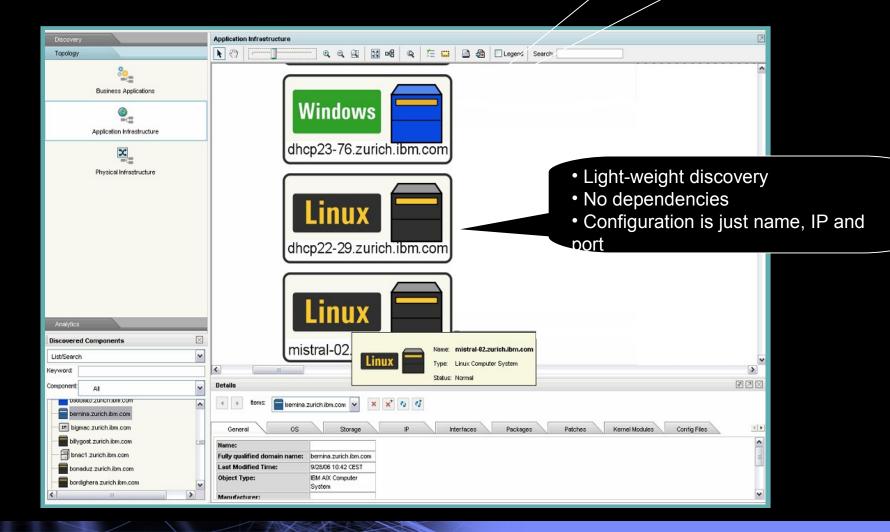
Profile for a Level 1 Discovery

n Access Con			
Sensor Name			
SMSFileSensor			
SMSFileUDS			
SMSServerSensor			
SnmpLightSensor			
SnmpMib2Sensor			
SqlServerSensor			
StackScanSensor			

- StackScanSensor uses nmap
- SnmpLiteSensor

What's discovered?

Hosts and network devices can be discovered using a Level 1 Discovery
Scans hosts without using credentials



Netting out Level 1 Discovery

Advantages

- All you need is a TADDM server and a list of IPs
- You don't need to know any usernames or passwords

Disadvantages

- Relies on nmap
- Only provides IP device and some OS level data

So should you use it? Only if you don't know what's in your environment or you can't get credentials.

Level 2 Discovery

- Computer system configurations
- ApplicationDependencies w/o credentials



Level 2 Discovery

Why would I want to do this?

- Inventory the processes running in your environment
- Discover hardware an operating system details
- Find light-weight relationships in to identify requirements for credentials



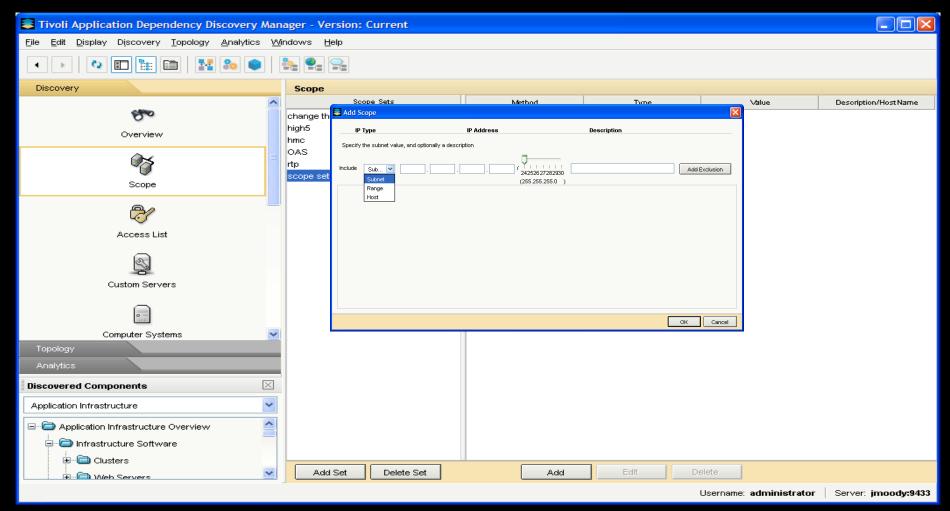
Scope



Specifies what is to be discovered

- Specific IPs
- Range of IPs
- Subnets
- Sets of the above

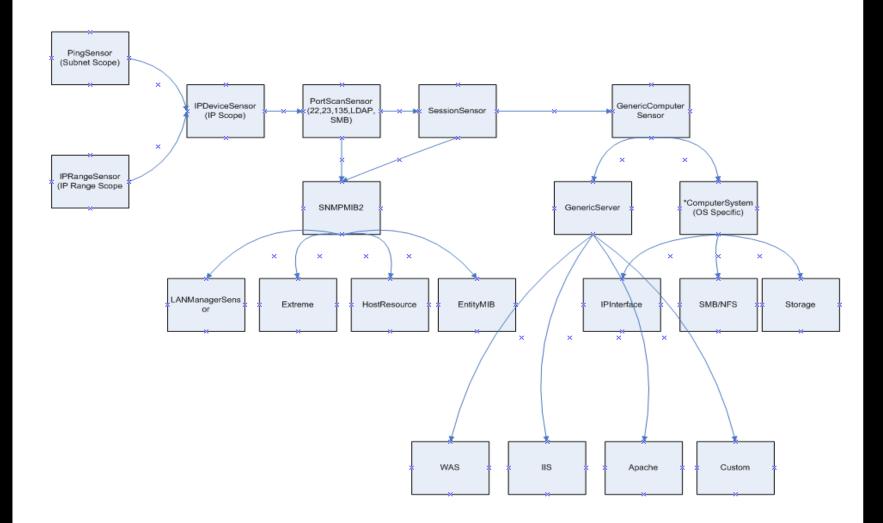
Creating Scopes



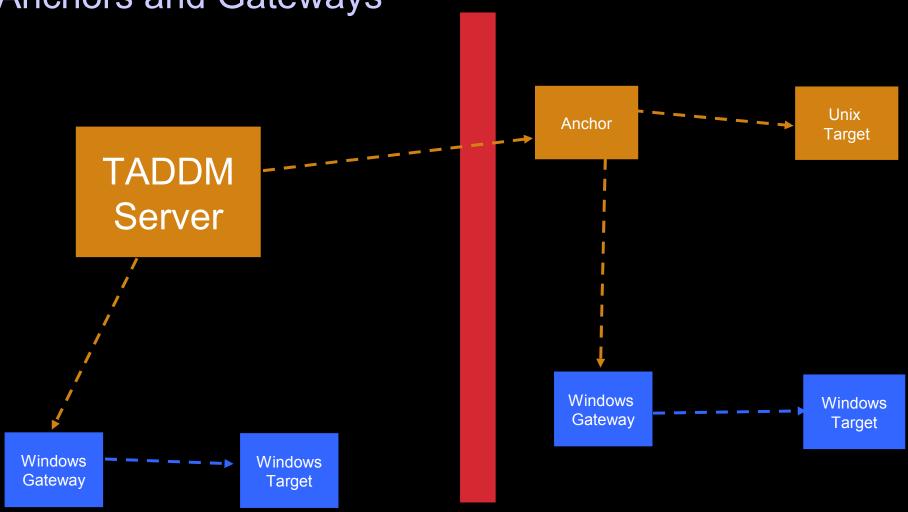
Access List

- Contains credentials used by sensors during discovery
- Supports many different types: telnet, ssh-1, ssh-2, snmp community strings, SSL keys, application specific credentials
- Can be scope restricted.
- Order is important!



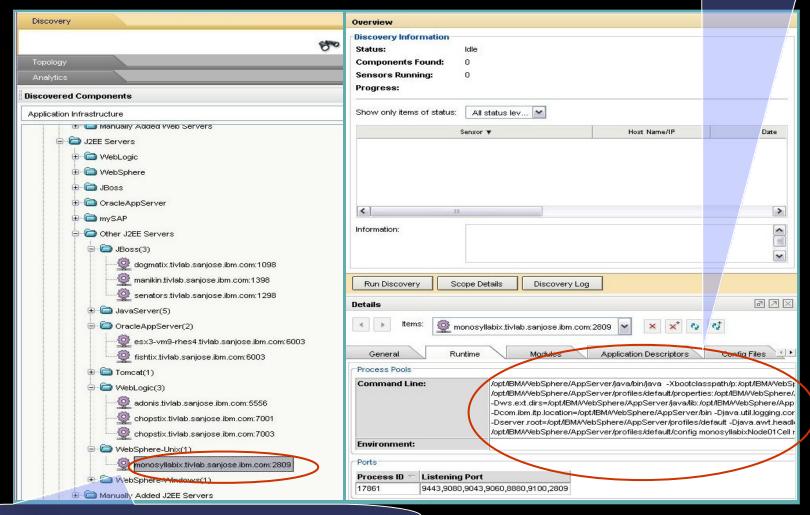


Anchors and Gateways



Level 2 Discovery

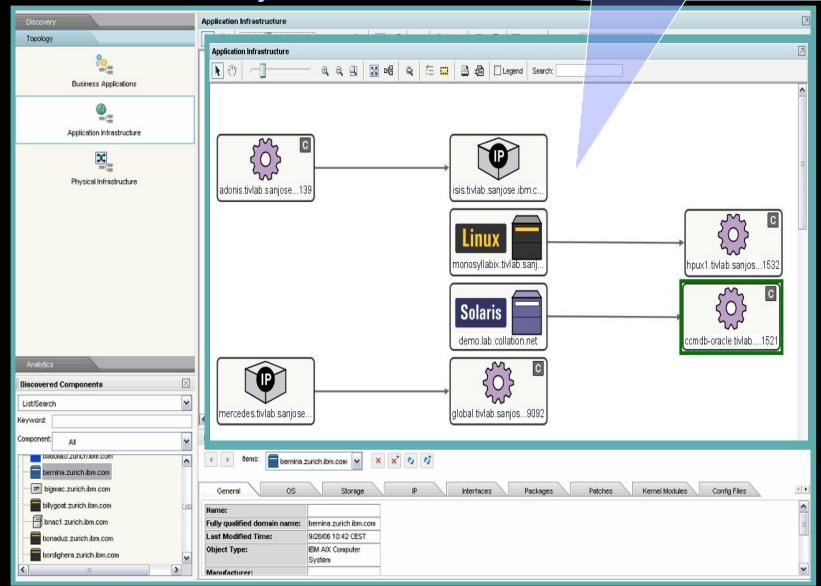
Captures command, args., environment and ports...



Light-weight discovery of applications w/o credentials

Level 2 Discovery

App Map discovered via credential-less approach...



Level 3 Discovery



DiscoveringBusinessApplications

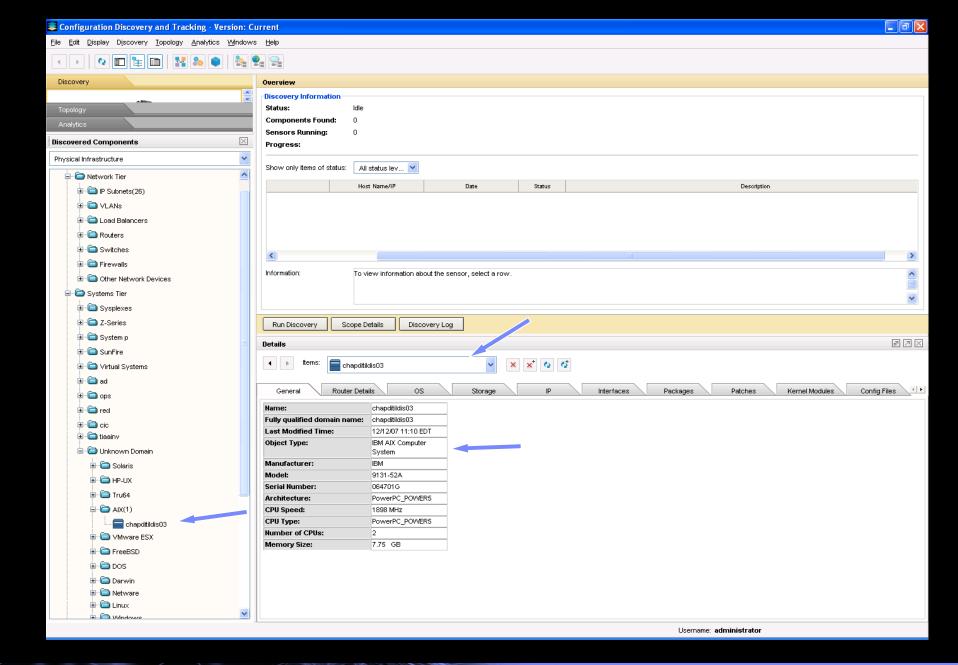
- Show impacts to Business for planned and unplanned outages
- How can I use the data I discover to bring value
- Link customer user's view to my IT view

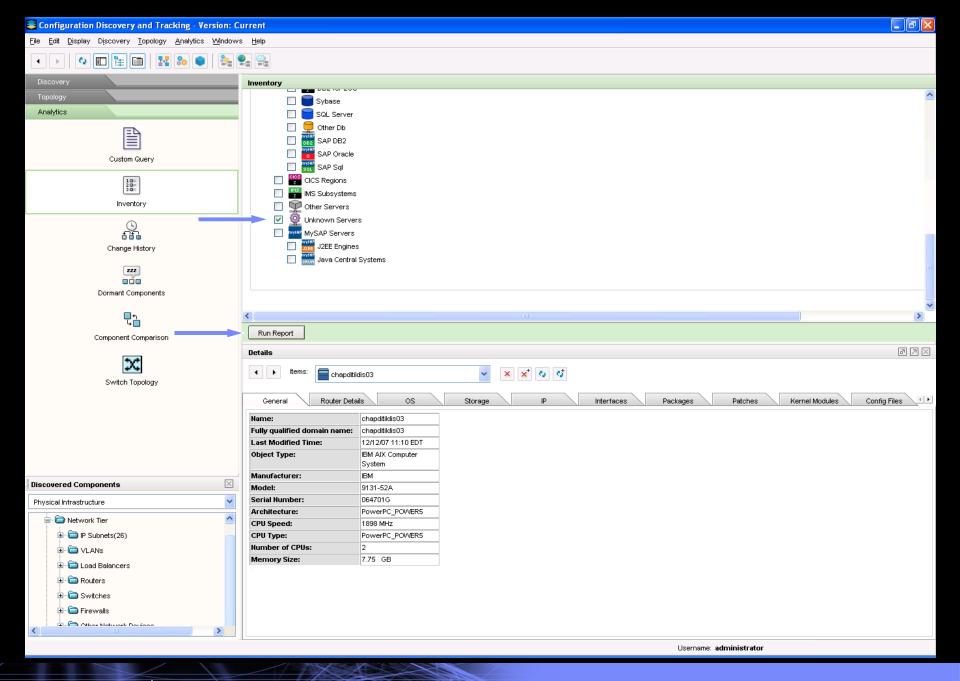
Level 3 Discovery

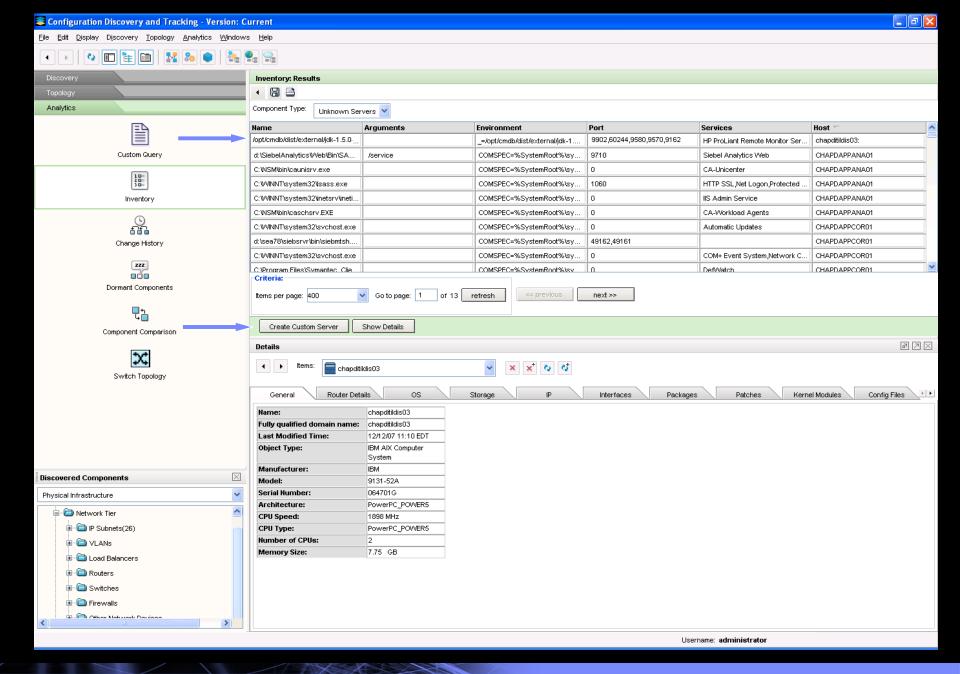


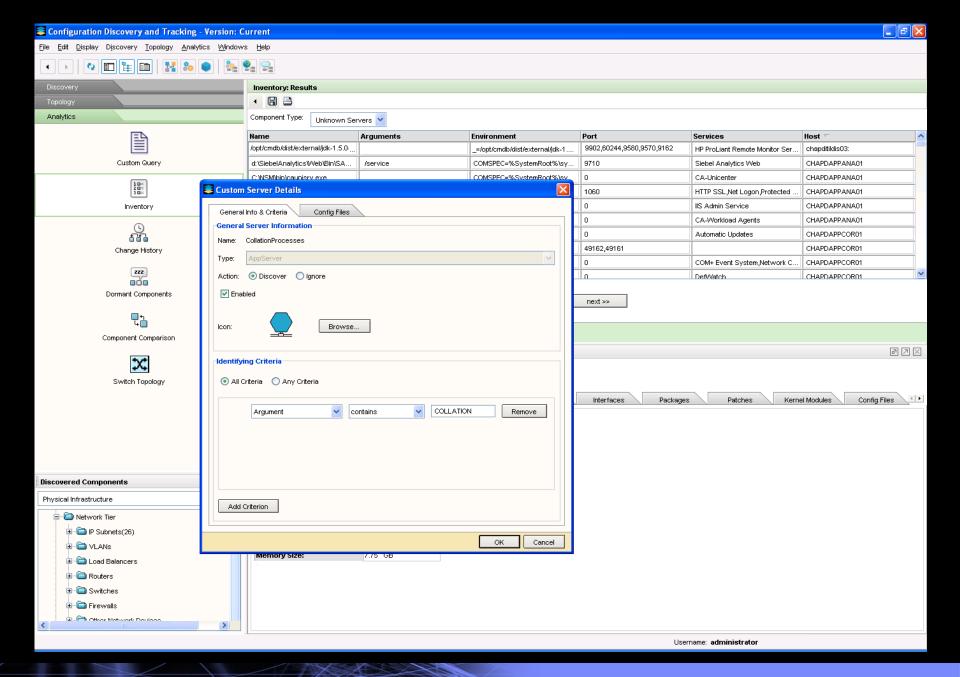
Where do I begin?

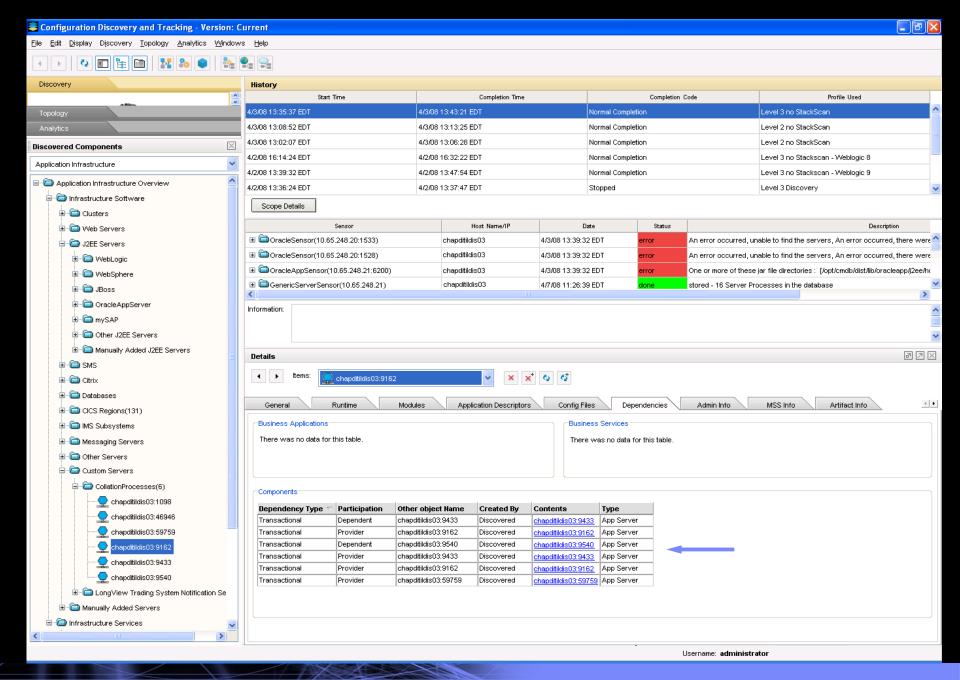
- I know my IT components but not my applications
- I know my applications but not my IT components

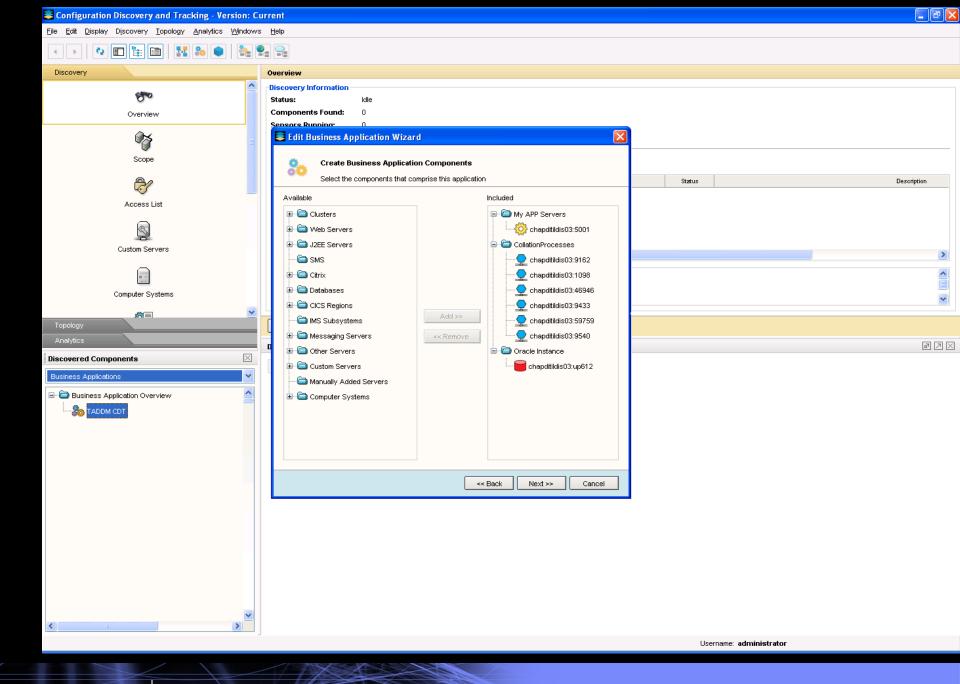


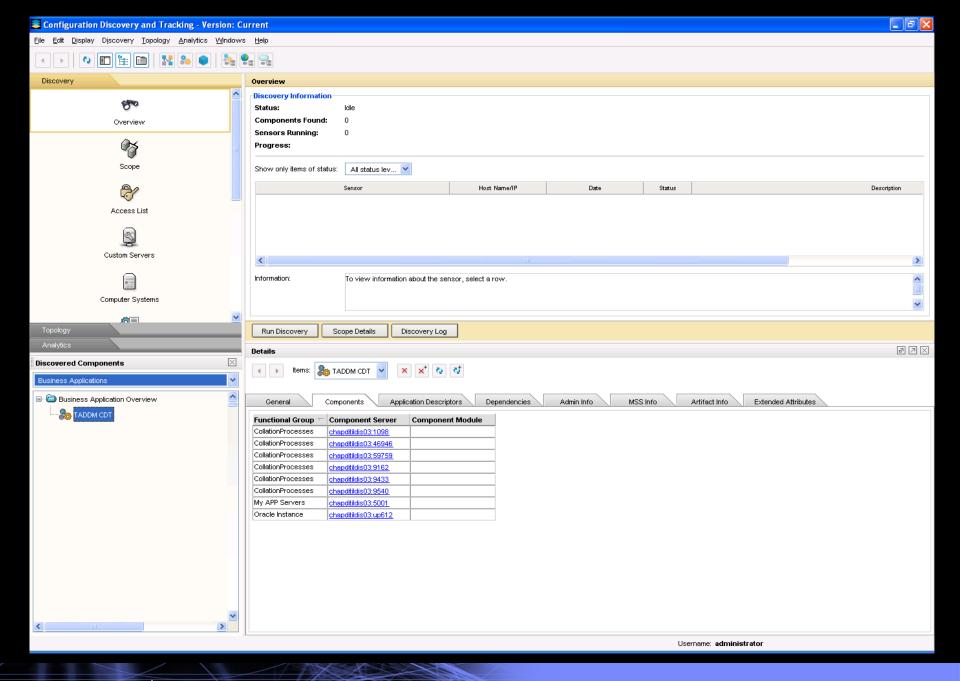










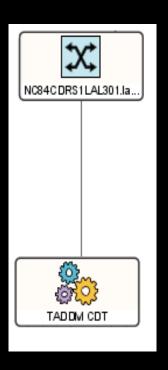


Business Applications



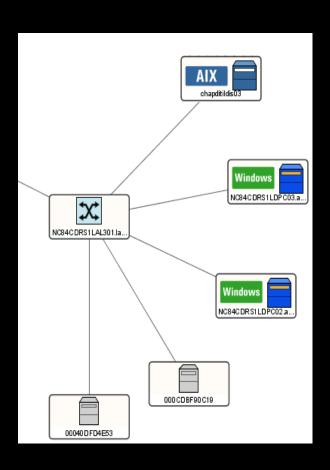
How can I use the data I discover to bring value?

Level 3 Business Application



- How can I use the data I discover to bring value?
 - What Business Application will be affected if I upgrade my network switch

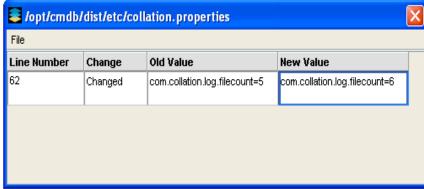
Level 3 Business Application



- How can I use the data I discover to bring value?
 - What Business Application will be affected if I upgrade my network switch
 - My applications software is having connectivity problems

What Changed in My Environment

Change History: Results								
Component	Туре	Change	Date	Attribute	Old Value	New Value	ld	
chapditildis03:9162	AppServer	Created	12/12/07 11:10 EST				0E376685A	
	AppServer	Updated	4/11/08 10:55 EDT				0E376685A	
□ Chapditildis03:9162	AppServer	Updated	4/11/08 11:13 EDT				0E376685A	
☐ lopt/cmdb/dist/etc/collation.properties	ConfigFile	Updated	4/11/08 11:13 EDT				9B74CE6BF	
/opt/cmdb/dist/etc/collation.properties	ConfigFile	Updated	4/11/08 11:13 EDT	checksum	:3031338729	:698738826	9B74CE6BF	
/opt/cmdb/dist/etc/collation.properties	ConfigFile	Updated	4/11/08 11:13 EDT	content	########### B	############ B	9B74CE6BF	
/opt/cmdb/dist/etc/collation.properties	ConfigFile	Updated	4/11/08 11:13 EDT	lastModified	1207862299000	1207926652000	9B74CE6BF	



In Conclusion

Level 1

Inventory you IP addressable assets

Level 2

- Inventory processes running on your servers
- Discover hardware and operating system details

Level 3

- Discover you application environment
- Build relationships between applications
- Discover/Build Business Application views

Integrations

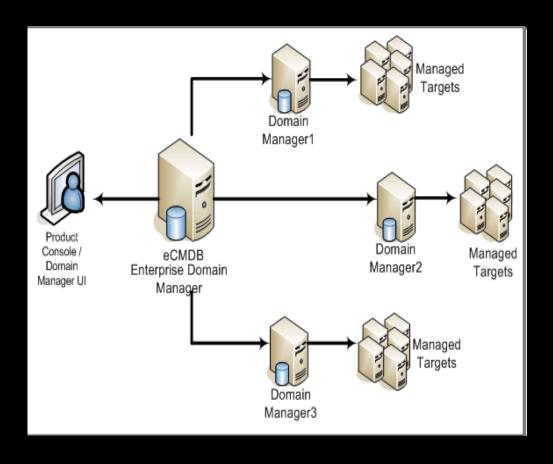
Bulkload
Data can be loaded via xml books from other products, i.e. TBSM, ITM, z/OS DLA, z/VM DLA, TCM

Built in TADDM discovery (in 7.2) for TPC, ITM Scope Sensor

Data can be exported *out* of TADDM for use by TBSM, CCMDB, Remedy and Peregrine

Enterprise Domain Manger (eCMDB)

Used for scaling data from multiple Domains into a single enterprise



Q & A

