IBM Software Group

IBM Tivoli® Training
IBM Tivoli Monitoring 6.1

Configuring Historical Data Collection

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Objectives

Upon completion of this module, you should be able to:

- Describe the IBM Tivoli Monitoring 6.1 historical data collection process.
- Configure historical data collection and the summarization and pruning intervals.

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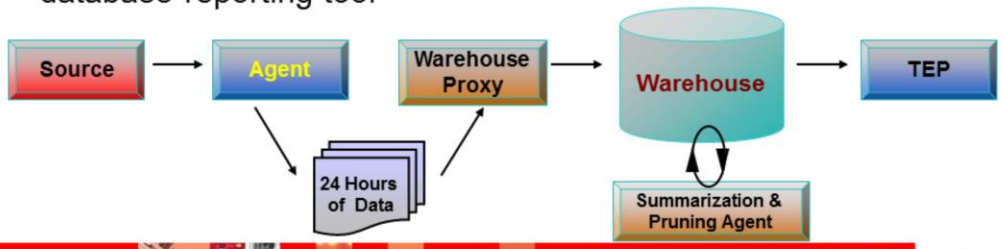
Historical Data Collection Process

- Enable data collection
- Warehouse Proxy agent communicates directly with database where data is stored
- Short-term historical data (up to 24 hours)
  - Saved at the agent (preferred) or at the management server to which the agent connects
    - Some items only collected at the agent or TEMS
- Data warehousing to occur daily or hourly
- After warehousing, display using Tivoli Enterprise Portal or other database reporting tool



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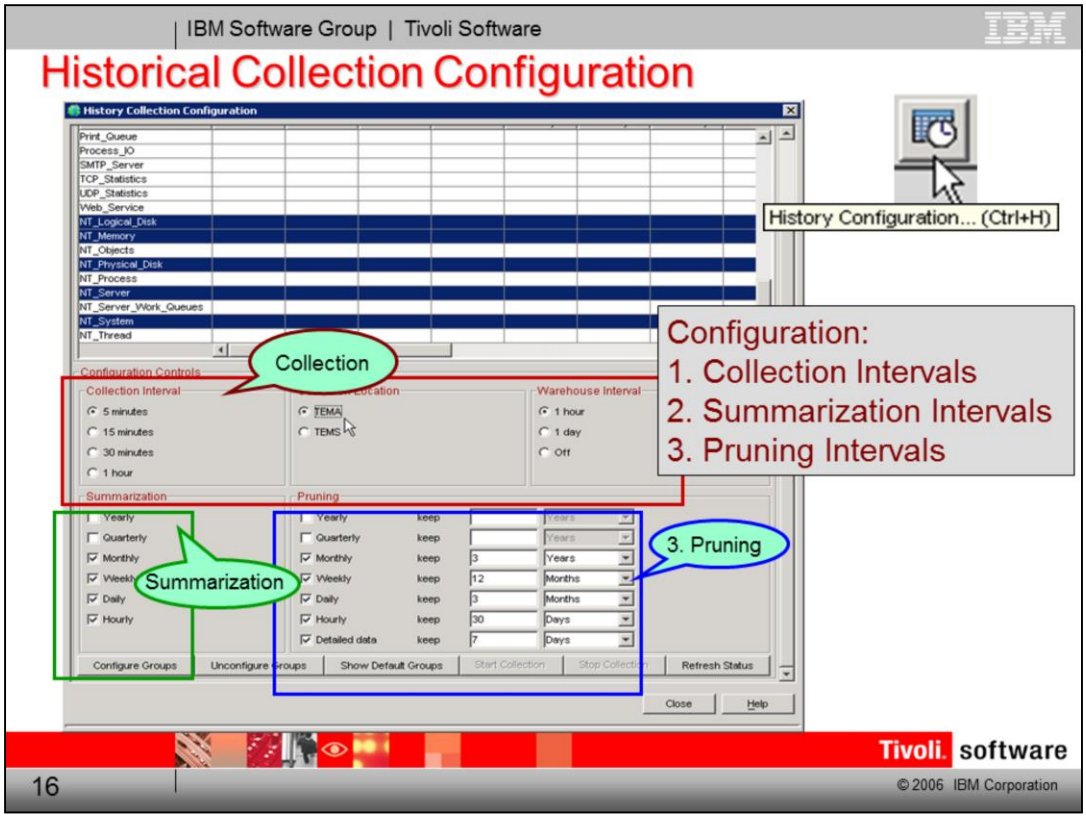
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IBM
Historical Collection Configuration
History Collection Configuration
Print_Queue
Process_IO
SMTP_Server
TCP_Statistics
UDP_Statistics
Web_Service
NT_Logical_Disk
NT_Memory
NT_Objects
NT_Physical_Disk
NT_Process
NT_Server
NT_Server_Work_Queues
NT_System
NT_Thread
History Configuration... (Ctrl+H)
Collection
Configuration:
1. Collection Intervals
2. Summarization Intervals
3. Pruning Intervals
Configuration Controls
Collection Interval
5 minutes
15 minutes
30 minutes
1 hour
TEMA
TEMS
Warehouse Interval
1 hour
1 day
Off
Summarization
Yearly
Quarterly
Monthly
Weekly
Daily
Hourly
Pruning
keep
Years
Months
Days
Detailed data
3. Pruning
Summarization
Configure Groups
Unconfigure Groups
Show Default Groups
Start Collection
Stop Collection
Refresh Status
Close
Help
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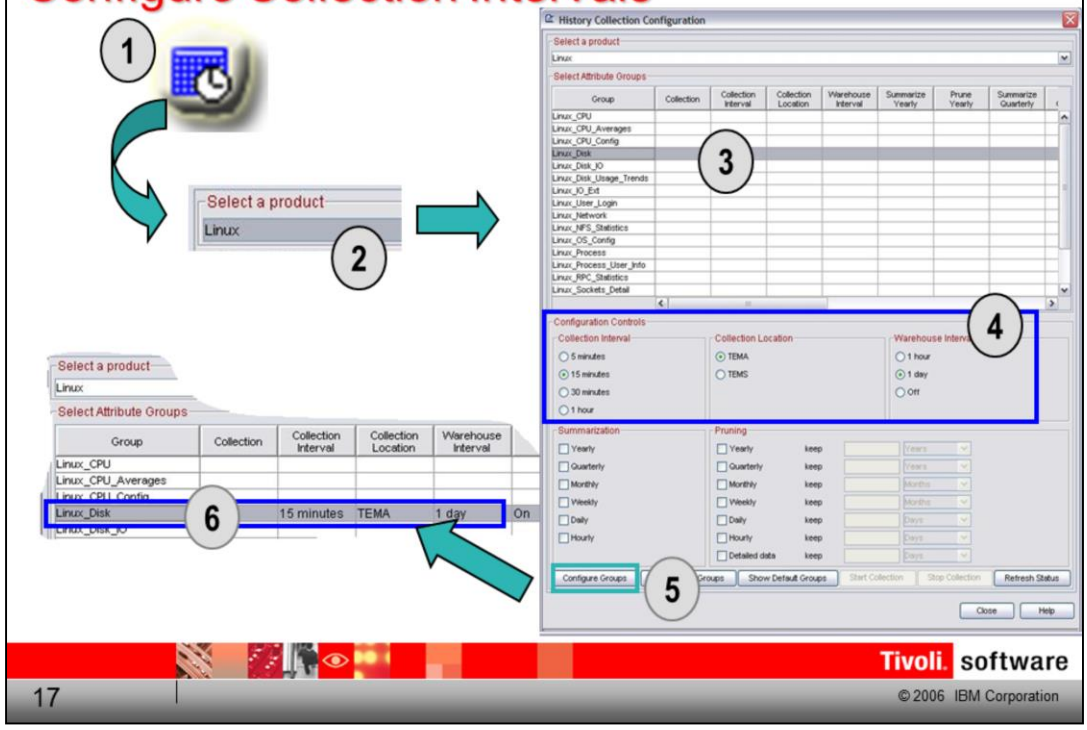
Configure Collection Intervals



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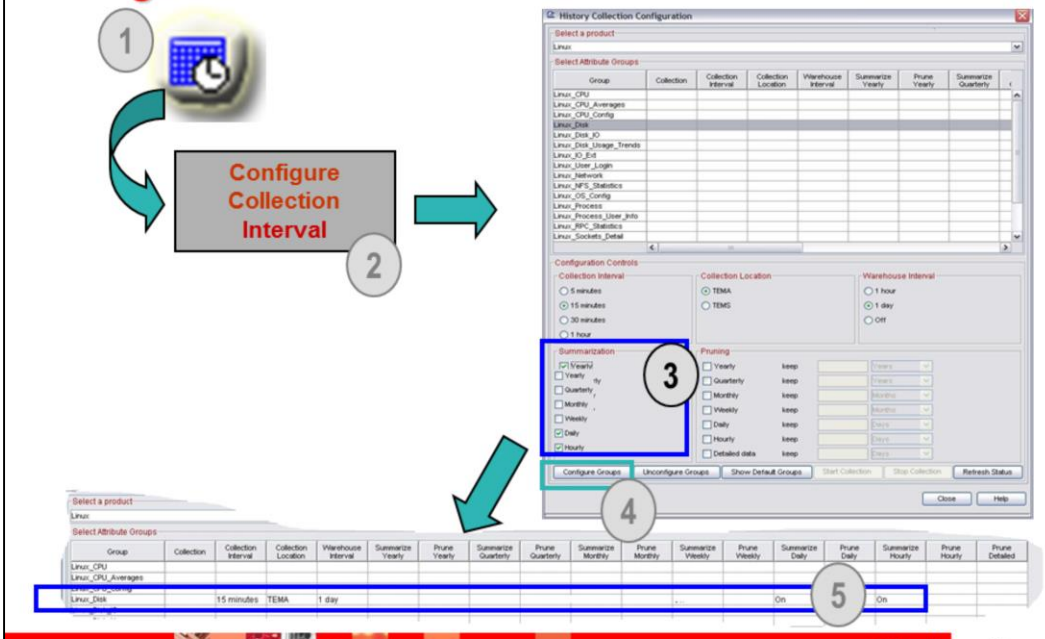
Configure Summarization Intervals



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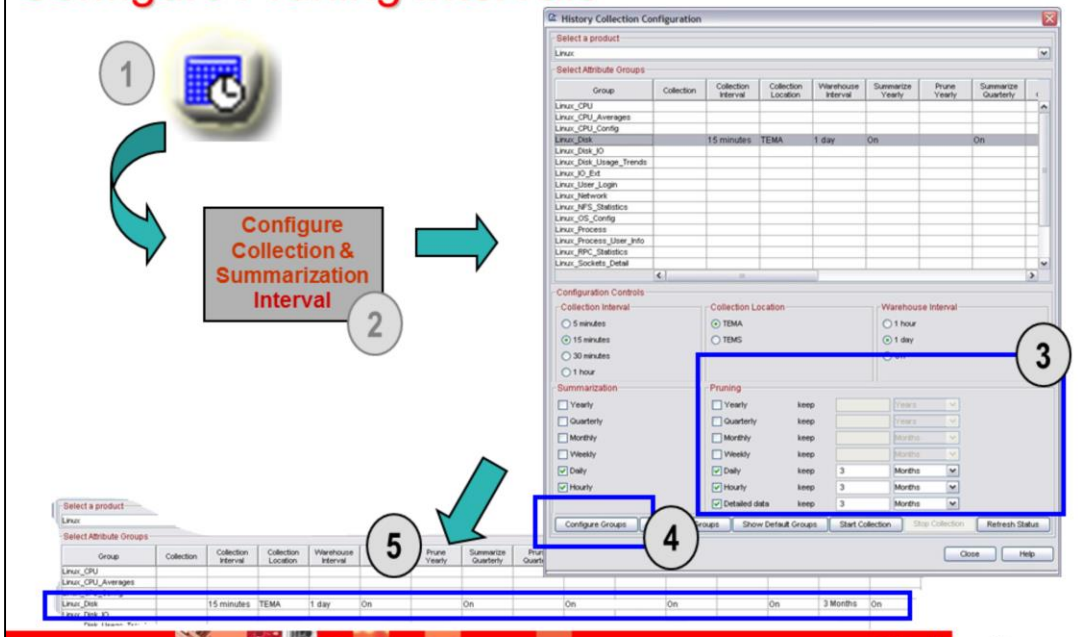
Configure Pruning Intervals



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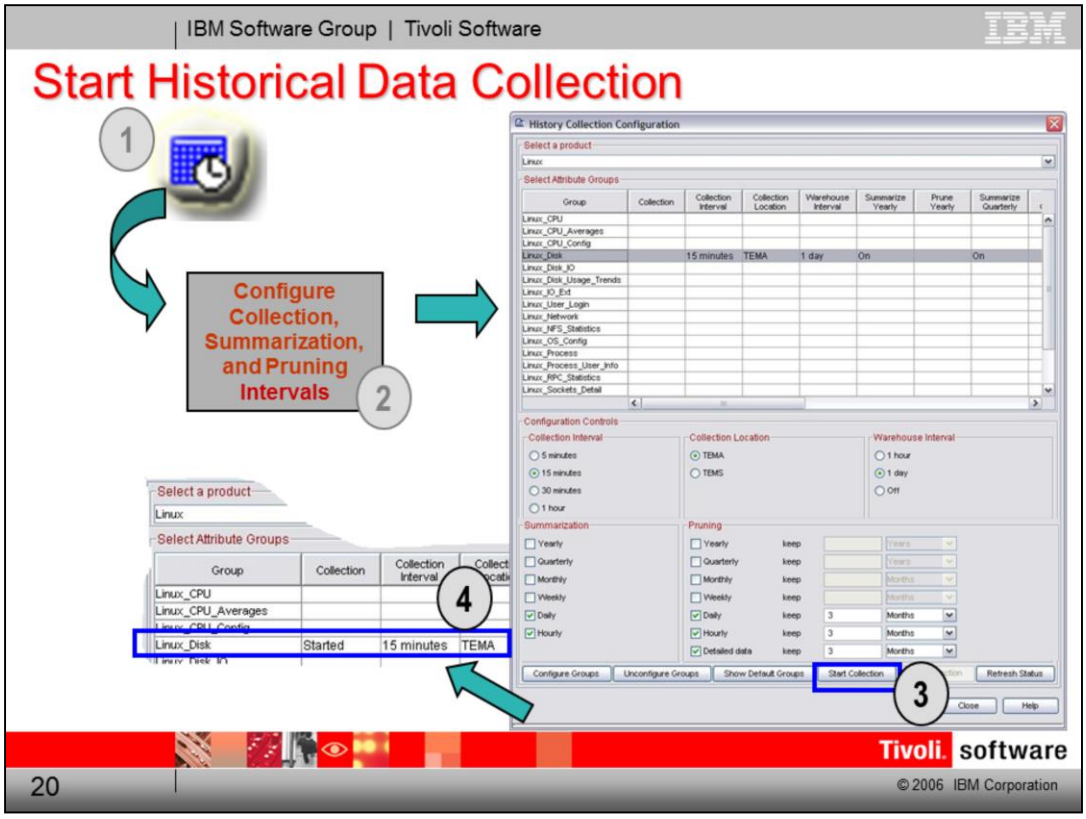
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Start Historical Data Collection
1
Configure Collection, Summarization, and Pruning Intervals
2
History Collection Configuration
Select a product
Linux
Select Attribute Groups
Group
Collection
Collection Interval
Collection Location
Warehouse Interval
Summarize Yearly
Prune Yearly
Summarize Quarterly
Linux_CPU
Linux_CPU_Averages
Linux_CPU_Config
Linux_Disk
15 minutes
TEMA
1 day
On
On
Linux_Disk_IO
Linux_Disk_Usage_Trends
Linux_IO_Ext
Linux_User_Login
Linux_Network
Linux_NFS_Statistics
Linux_OS_Config
Linux_Process
Linux_Process_User_Info
Linux_RPC_Statistics
Linux_Sockets_Detail
Configuration Controls
Collection Interval
5 minutes
15 minutes
30 minutes
1 hour
Collection Location
TEMA
TEMS
Warehouse Interval
1 hour
1 day
Off
Summarization
Yearly
Quarterly
Monthly
Weekly
Daily
Hourly
Pruning
keep
Months
Detailed data
Configure Groups
Unconfigure Groups
Show Default Groups
Start Collection
Refresh Status
Close
Help
3
Select a product
Linux
Select Attribute Groups
Group
Collection
Collection Interval
Linux_CPU
Linux_CPU_Averages
Linux_Disk
Started
15 minutes
TEMA
4
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