

ITM 6.2/6.1 Attribute Difference Report

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Product	A4
Agent	OS/400

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[=] TABLE: OS400_Device

The Device Description attribute group includes attributes that you can use to monitor the performance and configuration of communication devices.

[+] Type *The type of the device (either its basic category or a specific device type identifier).*

[=] TABLE: OS400_Message

The Messages attribute group includes attributes that you can use to monitor i5/OS messages.

[+] Alert_Option *Indicates whether and when an SNA alert is created and sent for the message.*

[=] TABLE: OS400_Network

The Network attribute group includes attributes that you can use to monitor networks and network communications.

[+] Data_compression *Indicates whether data compression is used when the system is an SNA end node.*
[+] Intermediate_data_compression *The level of data compression to request when this server is an SNA intermediate node.*
[+] Max_hop_count *The maximum number of times in an SNA distribution services (SNADS) network that a distribution queue entry that originates at this node can be received and routed on the path to its final destination.*
[+] Addition_resistance *The Advanced Peer-to-Peer Networking (APPN) function routes addition resistance for an APPN *NETNODE or *BEXNODE node type.*
[+] DDM_request_access *Indicates how the system processes distributed data management (DDM) and Distributed Relational Database Architecture (DRDA) requests from other systems.*
[+] Job_action *The action that is taken for any input stream that the system receives through the SNA distribution services (SNADS) network.*
[+] Server_network_ID *The network node server of an Advanced Peer-to-Peer Networking (APPN) network (up to a maximum of five) for an APPN node type of *ENDNODE.*
[+] Client_Access *The way in which the system processes Client Access requests from other systems.*
[+] Add_to_cluster *Indicates whether this system can allow another system to add it as a node in a cluster.*
[+] Allow_AnyNet *Indicates whether this system allows AnyNet support.*
[+] Allow_HPR_tower *Indicates whether this system allows the HPR transport tower support to be used with APPN session traffic.*
[+] Allow_virtual_APPN *Indicates whether this system allows APPC sessions and devices to use virtual APPN controllers.*
[+] HPR_path_switch_timers *Four 10-character settings for the amount of time, in minutes, to allow for a path switch attempt of a Rapid Transport Protocol (RTP) connection.*
[+] Autocreate_limit *The maximum number of devices that can be created automatically on virtual controllers.*
[+] Modem_country_ID *The country or region-specific default characteristics for modems that are internal to I/O adapters.*
[+] Network_server_domain *The LAN server domain to which all Integrated Servers (also known as file server I/O processors or FSIOP) on the system belong.*

[=] TABLE: OS400_Object

The Object attribute group includes attributes that you can use to monitor storage and work management.

[+] Size_MB *The size of the object in Megabytes.*

[=] TABLE: OS400_System_Status

The System Status attribute group includes attributes that you can use to monitor the resources for a system.

[+] Up_Time *The total amount of time, in seconds, that the operating system has been operational since it was last started.*
[+] Up_Time_Days *The total amount of time that the operating system has been operational since it was last started, formatted as days, hours, minutes, and seconds.*

[+] TABLE: i5OS_Output_Queue

Use the Output Queue attributes to monitor the status, configuration, and contents of output queues.

[+] Name	<i>The name of the output queue.</i>
[+] Library	<i>The library that contains the output queue.</i>
[+] Status	<i>The status for the output queue.</i>
[+] Order	<i>The order of the spooled files on the output queue; the order is first-in first-out or established by job number.</i>
[+] Files	<i>The number of spooled files that exist on the output queue.</i>
[+] File_ASP	<i>The auxiliary storage pool where the spooled files reside.</i>
[+] Separators	<i>The number of job separators to be placed at the beginning of the output, or *MSG (-2) if a message is sent to the writer message queue at the end of each job.</i>
[+] Connection	<i>The type of network connection to the remote system, or *NONE if no remote connection exists.</i>
[+] Destination	<i>The type of destination system to which spooled files are being sent, or *NONE (0) if a remote connection does not exist.</i>
[+] Max_Pages	<i>The maximum number of pages that a spooled file on the output queue can contain.</i>
[+] Published	<i>Indicates whether the output queue is published in the network directory.</i>
[+] Writers	<i>The number of printer writers that were started to this output queue.</i>
[+] Autostart	<i>The number of printer writers that autostart to this output queue when the system is restarted.</i>
[+] Writer_Name	<i>The job name of the first writer for the output queue, or blank if a writer is not started.</i>
[+] Writer_Status	<i>The status of the first writer for the output queue, or blank if no writer is started.</i>
[+] Printer	<i>The name of the first printer device that was started for the output queue, or blank if none have started.</i>
[+] Operator_Controlled	<i>Indicates whether users with job control authority (SPCAUT(*JOBCTL)) are allowed to manage or control the files on this queue.</i>
[+] Data_Queue	<i>Name of the data queue that is associated with this output queue, or *NONE.</i>
[+] Data_Queue_Library	<i>The name of the library that contains the data queue.</i>
[+] Display_Any_File	<i>Indicates whether users who have authority to read this output queue can display the data of any output file.</i>
[+] Authority	<i>The type of authorities to the output queue that you can use to control all the files on the queue, including: *OWNER for queue owner or *DTAAUT for any user with *READ, *ADD, or *DELETE authority.</i>
[+] Remote_system	<i>The name, TCP/IP address, or special value for the remote system where files are sent when a remote writer is started to the output queue.</i>
[+] Remote_Printer_Queue	<i>The printer queue on the remote system to which the remote writer sends spooled files.</i>

[+] TABLE: i5OS_History_Log

The History Log attribute group can be used in historical collections, but the group is not collected by default.

[+] Message_ID	<i>The message identification code, or blank if this message is immediate.</i>
[+] Severity	<i>The severity level of the message.</i>
[+] Type	<i>The type of message.</i>
[+] Send_Job_Name	<i>The name of the job that sent the message.</i>
[+] Send_Job_User	<i>The user name of the job that sent the message.</i>
[+] Send_Job_Number	<i>The number of the job that sent the message.</i>
[+] Message_File	<i>The name of the message file that contains the message, or blank if this message is immediate.</i>
[+] Library	<i>The name of the message file library, or blank if this message is immediate.</i>
[+] Text	<i>The message text with included substitution data.</i>

[+] TABLE: iOS_Integrated_File_System_Object

Use the iOS Integrated File System (IFS) Objects attributes to monitor the status of directories, files, and other objects in the Integrated File System.

[+] Name	<i>The name of the object (up to 768 bytes of the Unicode characters in the name).</i>
[+] Path	<i>The path for the object (up to 1536 bytes of the Unicode characters in the path).</i>
[+] Size	<i>The size of the object in bytes, or 2,147,483,647 if the file size is that size or greater.</i>
[+] Size_MB	<i>The size of the object in Megabytes.</i>
[+] Allocated_%	<i>The percent of the allocated size of the objects that is used.</i>
[+] Links	<i>The number of links to the object, or 2,147,483,647 if the number is that size or greater.</i>
[+] Access	<i>An octal value that indicates the access permissions and privileges of the file.</i>
[+] Type	<i>The iOS object type.</i>
[+] Owner	<i>The object owner.</i>
[+] Group	<i>The object group.</i>
[+] Last_Change	<i>The date and time that the object was last changed.</i>
[+] Last_Access	<i>The date and time that the object was last accessed.</i>
[+] Link_Name	<i>The name of the file for which this file is a symbolic link, or blank if the file is not a link (up to 768 bytes of the Unicode characters in the name).</i>

[+] TABLE: iOS_Job_Log

Use the Job Log attribute group to monitor messages that are sent to active jobs.

[+] Message_ID	<i>The message identification code, or blank if this is message is immediate.</i>
[+] Severity	<i>The severity level of the message.</i>
[+] Job_Name	<i>The name of the job.</i>
[+] Job_User	<i>The user name of the job.</i>
[+] Job_Number	<i>The number of the job.</i>
[+] Subsystem	<i>The name of the job subsystem.</i>
[+] Subsystem_Library	<i>The name of the library where the subsystem description is stored.</i>
[+] Type	<i>The type of message.</i>
[+] Message_File	<i>The name of the message file that contains the message.</i>
[+] Library	<i>The name of the message file library.</i>
[+] Text	<i>The text data with substitution text included.</i>

[+] TABLE: iOS_Net_Server

The NetServer attribute group includes attributes that you can use to monitor the NetServer support for Microsoft Neighborhood (for example, server sessions, traffic, users, printing, response time, and so on).

[+] File_Opens	<i>The number of file opens for the whole server.</i>
[+] Bytes_Received	<i>The number of server megabytes that were received from the network.</i>
[+] Bytes_Sent	<i>The number of server megabytes that were sent to the network.</i>
[+] Password_Violations	<i>The number of server password violations.</i>
[+] Print_Jobs	<i>The number of server print jobs that were spooled.</i>
[+] Session_Starts	<i>The number of server session starts.</i>
[+] Auto_Disconnects	<i>The number of server sessions that were disconnected automatically.</i>
[+] Disconnects	<i>The number of server sessions that were disconnected normally or ended in error.</i>
[+] Guest_Support	<i>Indicates whether a guest user profile can be used if an unknown user attempts to access resources on the system.</i>
[+] Unknown_Users	<i>The number of unknown users who requested sessions to the server.</i>
[+] Started	<i>The system date and time that the server was started.</i>
[+] Reset	<i>The system date and time that the server statistics were reset.</i>

[+] TABLE: iOS_Management_Central

Use the Management Central Events attribute group to monitor for events that are sent by the System i Navigator, Management Central monitoring functions.

[+] Monitor_Type	<i>The type of the Management Central monitor.</i>
[+] Sending_System	<i>The name of the endpoint system for which the event was created.</i>
[+] Event_Source	<i>The name of the event.</i>
[+] Owner	<i>The owner of the system or job event.</i>
[+] Metric	<i>The name of the metric that caused the event to be created.</i>
[+] Metric_Value	<i>The actual value of the metric when the event was created.</i>
[+] Operator	<i>The operator used on the trigger or reset value (*GE is greater than or equal; *LE is less than or equal; *EQ is equal).</i>
[+] Trigger	<i>The value that triggers or resets the metric.</i>
[+] Job_Name	<i>The name of the job that caused the event.</i>
[+] Job_User	<i>The user of the job that caused the event.</i>
[+] Job_Number	<i>The number of the job that caused the event.</i>
[+] Job_Status	<i>The actual status of the job that caused the event to be created.</i>
[+] User	<i>The user profile that caused the event to occur.</i>
[+] Event_Type	<i>The source type of the event.</i>
[+] Message_ID	<i>The message identification code.</i>
[+] Message_Severity	<i>The message severity level.</i>
[+] Message_Type	<i>The type of message.</i>
[+] Message_Queue	<i>The name of the message queue being monitored.</i>
[+] MSGQ_Library	<i>The library of the message queue being monitored.</i>
[+] From_Job_Name	<i>The name of the job from which the message was sent that caused the event.</i>
[+] From_Job_User	<i>The user of the job from which the message was sent that caused the event.</i>
[+] From_Job_Number	<i>The number of the job from which the message was sent that caused the event.</i>
[+] File_Name	<i>The full path name (up to 256 characters) of the file being monitored.</i>

[+] TABLE: iOS_Distribution_Queue

Use the Distribution Queue attribute group to monitor the queue status and the distributions for queue types.

[+] Name	<i>The name of the distribution queue.</i>
[+] Status_High	<i>The status of the high service level distributions.</i>
[+] Depth_High	<i>The number of distributions currently on the queue for high service levels.</i>
[+] Send_Depth_High	<i>The number of distributions that you require on the high service level queue before sending can begin, or zero if they are not sent automatically.</i>
[+] Status_Normal	<i>The status of the data low service level distributions.</i>
[+] Depth_Normal	<i>The number of distributions that are currently on the queue for data low service levels.</i>
[+] Send_Depth_Normal	<i>The number of distributions that you require on the data low service level queue before sending can begin, or zero if they are not sent automatically.</i>

[+] TABLE: iOS_Miscellaneous

The Miscellaneous attribute group contains various items required by other Tivoli products.

[+] Processors	<i>The number of processors installed on the physical machine.</i>
[+] Processor_Speed	<i>The speed of the processors in megahertz (MHz), or -1 if the speed cannot be determined.</i>
[+] Brand	<i>The IBM system brand of the hardware on which the agent is running.</i>
[+] Model-Feature	<i>The model and processor feature codes of the hardware system.</i>
[+] OS	<i>The operating system name.</i>
[+] VRM	<i>The version, release, and modification level of the operating system.</i>
[+] Host_Name	<i>The fully qualified host name.</i>
[+] Manufacturer	<i>The name of the manufacturer for the hardware system.</i>