

## ITM 6.2/6.1 Attribute Difference Report

<b>Application</b>	<b>KLZ</b>
<b>Product</b>	<b>LZ</b>
<b>Agent</b>	<b>Linux OS</b>

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## [=] TABLE: Linux\_Process

*The Process attributes refer to process characteristics such as data set size, kernel scheduling priority, the number of pages of memory, and the number of page faults.*

[+] Proc_System_CPU_Norm	<i>The short term average of the percentage of CPU time spent in kernel mode by the process.</i>
[+] Proc_User_CPU_Norm	<i>The short term average of the percentage of CPU time spent in user mode by the process.</i>
[+] Proc_Busy_CPU_Norm	<i>The summation of Proc System CPU Norm and Proc User CPU Norm for this process.</i>

## [=] TABLE: Linux\_Process\_User\_Info

*The Process User Info attributes refer to characteristics associated with effective groups, file system groups, real groups, and saved groups.*

[+] Parent_Process_ID	<i>The Parent Process ID.</i>
[+] State	<i>The state of the process (Sleeping, Disk, Running, Zombie, Trace, Dead, or N/A).</i>
[+] Proc_CMD_Line_U	<i>Command Line string of the process.</i>
[+] Process_Command_Name_U	<i>The Process Command name (Unicode).</i>
[+] VM_Size_MB	<i>Virtual Memory Size in Megabytes.</i>
[+] Terminal_Device	<i>Name of the terminal device that started a process.</i>

## [=] TABLE: Linux\_System\_Statistics

*The System Statistics attributes refer to characteristics associated with system performance such as the number of logged in users, the number of processes per second, and system load statistics.*

[+] Processes_Zombie_Count	<i>Number of processes currently in Zombie State.</i>
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## [=] TABLE: Linux\_VM\_Stats

*The VM Stats attributes refer to memory characteristics such as the size of cached, free, and shared memory.*

[+] Real_Memory_Pct_Used	<i>Used Real Memory (Percent).</i>
[+] Real_Memory_Pct_Avail	<i>Available Real Memory in Percent.</i>
[+] Swap_Pct_Used	<i>Used Swap Space (Percent).</i>
[+] Swap_Pct_Avail	<i>Available Swap Space (Percent).</i>

## [=] TABLE: Linux\_File\_Information

*The File Information attributes refer to file information characteristics.*

[+] Mode	<i>Mode is the string representation of the access rights of the file.</i>
[+] Last_Attr_Chg_Time	<i>The date and time of the last file attributes change.</i>
[+] Checksum_Algorithm	<i>Only used in situations in conjunction with the Checksum attribute to specify the algorithm to be used to calculate the hash string.</i>
[+] Checksum	<i>Checksum or hash string based on hashing algorithm.</i>
[+] File_Content_Changed	<i>A numeric indicator that the content of a file has changed.</i>

## [+] TABLE: Linux\_Host\_Availability

*The Linux Host Availability attributes refer to Linux host availability characteristics.*

[+] Target_Host	<i>The hostname or IP Address of the target of the ping operation.</i>
[+] Host_Availability	<i>Result of the "ping" operation.</i>

## [+] TABLE: Linux\_File\_Pattern

*The File Pattern Group attributes refer to file pattern group characteristics.*

[+] File_Name	<i>Fully qualified file name which will be searched for lines matching a pattern.</i>
[+] Match_Pattern	<i>The grep regular expression used to search for matching lines in File Name.</i>
[+] Match_Option	<i>Options that affect how the search is performed.</i>
[+] Match_Count	<i>The number of matches for the specified pattern in the specified file.</i>

## [+] TABLE: Linux\_File\_Comparison

*File Comparison Group Attributes refer to File Comparison Group characteristics.*

[+] File_Name_1	<i>Fully-qualified file name of one of the files to be compared.</i>
[+] File_Name_2	<i>Fully-qualified file name of the other of the files to be compared.</i>
[+] File_Compare_Option	<i>The File compare option is used to specify which type of comparison is used.</i>
[+] File_Compare_Result	<i>The result of the file comparison between File_Name_1 and File_Name_2.</i>

## [+] TABLE: Linux\_All\_Users

*The All Users Group attributes refer to user characteristics such as name, user sessions, and user ID.*

[+] Name	<i>The full name of a user.</i>
[+] User_ID	<i>The numeric ID the system assigned to a user.</i>
[+] Password_Null	<i>True if no password is assigned to the user.</i>
[+] User_Duplicated	<i>True if the user name is listed more than once in /etc/passwd.</i>
[+] User_Sessions	<i>The number of login sessions this user currently has established.</i>

## [+] TABLE: Linux\_Group

*The Linux Group attributes refer to group characteristics.*

[+] Group_Name	<i>The name of the group.</i>
[+] Group_ID	<i>The ID of this group.</i>
[+] Group_Duplicated	<i>True if the group name is listed more than once in /etc/group.</i>

## [+] TABLE: Linux\_Machine\_Information

*The Machine Information attribute group contains various items required by other Tivoli products.*

[+] Hostname	<i>The hostname for the machine.</i>
[+] Hardware_Brand	<i>The brand of hardware on which the agent is running.</i>
[+] Hardware_Model	<i>The specific hardware model underlying the monitored operating system.</i>
[+] Number_of_Processors_Online	<i>The number of processors online the machine.</i>
[+] Number_of_Processors_Configured	<i>The number of processors configured for this machine.</i>
[+] BIOS_Version	<i>The BIOS vendor version.</i>
[+] BIOS_Release	<i>The BIOS vendor release date.</i>
[+] Machine_Serial	<i>The serial number of the machine.</i>

## [+] TABLE: Linux\_IP\_Address

*The IP Address attributes refer to network characteristics, including IP address and network interface name.*

[+] Network_Interface_Name	<i>The name of the network interface.</i>
[+] IP_Address	<i>An IP address associated with the network interface.</i>
[+] DNS_Name	<i>The Domain Name Server (DNS) entry associated with the IP network address.</i>