

# Custom Event Properties for IBM Z/OS

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Juniper Networks, Inc.  
1133 Innovation Way  
Sunnyvale, California 94089  
USA  
408-745-2000  
www.juniper.net

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*Custom Event Properties for IBM Z/OS*

7.5.0

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# About This Guide

Use IBM z/OS Custom Properties Content Extension to closely monitor your IBMz/OS deployment.

**NOTE:** To avoid content errors in this content extension, keep the associated DSMs up to date. DSMs are updated as part of the automatic updates. If automatic updates are not enabled, download the most recent version of the associated DSMs from <https://support.juniper.net/support/downloads/>.

# 1

CHAPTER

## IBM Z/OS Custom Properties Content Extension

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# IBM Z/OS Custom Properties Content Extension

## V1.1.3

The following table shows the custom properties that are new or updated in IBM z/OS Custom Properties Content Extension V1.1.3.

The following table shows the custom properties that are updated in IBMz/OS Custom Properties Content Extension V1.1.3.

**Table 1: Custom Properties Updated in IBM Z/OS Custom Properties Content Extension V1.1.3**

Name	Optimized	Capture Group	Regex
Data key label in ICSF	No	1	keypol=([^\t]+)
IKE Tunnel encryption chaining	No	1	ikechn=([^\t]+)
IKE Tunnel encryption family	No	1	ikealg=([^\t]+)
IKE Tunnel encryption key length	No	1	ikekeylen=([^\t]+)
IPSec Tunnel encryption chaining	No	1	ipsecchn=([^\t]+)
IPSec Tunnel encryption family	No	1	ipsecalg=([^\t]+)
IPSec Tunnel encryption key length	No	1	ipseckeylen=([^\t]+)
SA Active Connections Begin	No	1	activeBeg=([^\t]+)
SA Active Connections End	No	1	activeEnd=([^\t]+)

**Table 1: Custom Properties Updated in IBM Z/OS Custom Properties Content Extension V1.1.3**  
*(Continued)*

Name	Optimized	Capture Group	Regex
<b>SA Connections Begin</b>	No	1	connsBeg=([^\t]+)
<b>SA Connections End</b>	No	1	connsEnd=([^\t]+)
<b>SA Partial Connections Begin</b>	No	1	partialBeg=([^\t]+)
<b>SA Partial Connections End</b>	No	1	partialEnd=([^\t]+)
<b>SA Short Connections Begin</b>	No	1	shortBeg=([^\t]+)
<b>SA Short Connections End</b>	No	1	shortEnd=([^\t]+)
<b>SMS Data Class</b>	No	1	dataclas=([^\t]+)
<b>SMS Management Class</b>	No	1	mgmtclas=([^\t]+)
<b>SMS Storage Class</b>	No	1	storclas=([^\t]+)
<b>SSH Inbound encryption chaining</b>	No	1	sshIchn=([^\t]+)
<b>SSH Inbound encryption family</b>	No	1	sshIalg=([^\t]+)
<b>SSH Inbound encryption key length</b>	No	1	sshIkeylen=([^\t]+)
<b>SSH Outbound encryption chaining</b>	No	1	sshOchn=([^\t]+)

**Table 1: Custom Properties Updated in IBM Z/OS Custom Properties Content Extension V1.1.3**  
*(Continued)*

Name	Optimized	Capture Group	Regex
<b>SSH Outbound encryption family</b>	No	1	sshOalg=([^\t]+)
<b>SSH Outbound encryption key length</b>	No	1	sshOkeylen=([^\t]+)
<b>TLS Client Cert</b>	No	1	tlsCCertSig=([^\t]+)
<b>TLS encryption chaining mode</b>	No	1	tlschn=([^\t]+)
<b>TLS encryption family</b>	No	1	tlsalg=([^\t]+)
<b>TLS encryption key length</b>	No	1	tlskeylen=([^\t]+)
<b>TLS key exchange method</b>	No	1	tlsKexAlg=([^\t]+)
<b>TLS message digest</b>	No	1	tlsMsgAuth=([^\t]+)
<b>TLS or SSL protocol level</b>	No	1	tlsProtVer=([^\t]+) TLSproto=([^\t]+)
<b>TLS Server Cert</b>	No	1	tlsSCertSig=([^\t]+)
<b>Transport Layer Connection ID</b>	No	1	saConnId=([^\t]+)

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## IBM Z/OS Custom Properties Content Extension V1.1.2

The **Action** custom property was assigned a new ID. Delete the **Action** custom property before you install V1.1.2.

The following table shows the custom properties that are updated in IBMz/OS Custom Properties Content Extension V1.1.2.

**Table 2: Custom Properties Updated in IBM Z/OS Custom Properties Content Extension V1.1.2**

Name	Optimized	Regex
<b>Access Intent</b>	Yes	intent=([^\t]+)

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## IBM Z/OS Custom Properties Content Extension V1.1.1

The following table shows the custom properties that are removed in IBMz/OS Custom Properties Content Extension V1.1.1.

**Table 3: Custom Properties Removed in IBM Z/OS Custom Properties Content Extension V1.1.1**

Name	Regex
<b>SMF Record Type</b>	LEEF:[^\ ]+\ IBM\ DB2\[^\ ]+\ ([^\ ]+)\
<b>Subsystem name</b>	subsys=([^\t]+)

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# IBM Z/OS Custom Properties Content Extension V1.1.0

The following table shows the custom properties that are new or updated in IBMz/OS Custom Properties Content Extension V1.1.0.

**Table 4: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.1.0**

Name	Regex
<b>Cipher Suite ID</b>	tlsNegCipher=([^\t]+)
<b>Data Set Key Algorithm</b>	keyalg=([^\t]+)
<b>Data Set Key Label</b>	keylbl=([^\t]+)

Table 4: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.1.0 (Continued)

Name	Regex
Data Set Key Length	keylen=([^\t]+)
IP Connection ID	saConnId=([^\t]+)
IP Protocol	IPproto=([^\t]+)
Job name	jobname=([^\t]+)
SMF Record Type	LEEF:[^\]+\\IBM\\z\\OS\\[^\]+\\([^\]+)\\ LEEF:[^\]+\\IBM\\RACF\\[^\]+\\([^\]+)\\ LEEF:[^\]+\\IBM\\DB2\\[^\]+\\([^\]+)\\ LEEF:[^\]+\\IBM\\CICS\\[^\]+\\([^\]+)\\
Stack	stack=([^\t]+)
Subsystem name	sysname=([^\t]+)
Sysplex Name	sysplex=([^\t]+)
SNA terminal name	LU\s([a-zA-Z0-9]\w+) terminal=([^\t]+)
TLS encryption family	tlsalg=([^\t]+)
TLS encryption chaining mode	tlschn=([^\t]+)
TLS encryption key length	tlskeylen=([^\t]+)
TLS message digest	tlsMsgAuth=([^\t]+)

Table 4: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.1.0 (Continued)

Name	Regex
<b>TLS or SSL protocol level</b>	tlsProtVer=([\t]+)
<b>TLS key exchange method</b>	tlsKexAlg=([\t]+)
<b>TLS Client Cert</b>	tlsCCertSig=([\t]+)
<b>Bypass request</b>	bypass_req=([\t]+)

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## IBM Z/OS Custom Properties Content Extension V1.0.1

The following table shows the custom properties that are new or updated in IBMz/OS Custom Properties Content Extension V1.0.1.

Table 5: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.0.1

Name	Regex
<b>Action</b>	action=([\t]+)
<b>Key label</b>	keylabel=([\t]+)

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# IBM Z/OS Custom Properties Content Extension V1.0.0

The following table shows the custom properties that are new or updated in IBMz/OS Custom Properties Content Extension V1.0.0.

**Table 6: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.0.0**

Name	Regex
<b>Event sum</b>	sum=([^\t]+)
<b>Access intent</b>	intent=([^\t]+)
<b>Catalog</b>	catalog=([^\t]+)
<b>Command</b>	cmd=([^\t]+)
<b>Completion code</b>	compCode=([^\t]+)
<b>Completion status</b>	compStat=([^\t]+)
<b>Data set name</b>	dsn=([^\t]+)
<b>DD name</b>	dd=([^\t]+)
<b>Descriptor</b>	desc=([^\t]+)

Table 6: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.0.0 (Continued)

Name	Regex
Function code	function=([^\t]+)
JES line	line=([^\t]+)
JES remote terminal	line rmt=([^\t]+)
Job number	jobid=([^\t]+)
Member name	member=([^\t]+)
NJE node name	node=([^\t]+)
Old data set name	oldda=([^\t]+)
Person name	name=([^\t]+)
Physical DASD box serial	box=([^\t]+)
Port of entry	poe=([^\t]+)
Private / owned data set	own=([^\t]+)
Program	program=([^\t]+)
RACF profile	prof=([^\t]+)
SAF class	class=([^\t]+)
SAF resource name	res=([^\t]+)

Table 6: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.0.0 (Continued)

Name	Regex
<b>SNA terminal name</b>	terminal=([\t]+)
<b>Step name</b>	stepname=([\t]+)
<b>Submitted by</b>	submitby=([\t]+)
<b>System / job</b>	job=([\t]+)
<b>UNIX path name</b>	path=([\t]+)
<b>Volume serial</b>	vol=([\t]+)
<b>System SMF id</b>	job=([\t]{4})
<b>Job name</b>	job=[\t]{29}([\t]{8})
<b>Resource sensitivity</b>	sens=([\t]+)
<b>Sensitive user privileges</b>	usrPriv=([\t]+)
<b>Sensitive groups</b>	usrGroups=([\t]+)
<b>Cipher</b>	cipher=([\t\+])
<b>Allowed cipher priority order</b>	cipherSuite=([\t\+])
<b>FIPS 140 compliance</b>	FIPS140=([\t\+])
<b>Job tag</b>	job=([\t\+])

**Table 6: Custom Properties in IBM Z/OS Custom Properties Content Extension V1.0.0 (Continued)**

Name	Regex
<b>TLS RFC level</b>	TLSlvl=(\t+)
<b>TLS or SSL protocol level</b>	TLSproto=(\t+)

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