

IBM Program usage and installation report instructions

WebSphere Communications Server Help Guide

Please see below the additional help in collecting deployment information for your IBM Software. (You may need to zoom in to more easily view the screenshots.)

Please see below WebSphere Communications Server Help information

More information about Communications Server (Data Center) can be found at the below links:

Administration Guide:

<http://public.dhe.ibm.com/software/network/commserver/publications/csdcdv7/czx00410.pdf>

IBM Red Books:

<http://www.redbooks.ibm.com/redpapers/pdfs/redp4998.pdf>

Below is a Perl scrip that may help you collect the concurrent sessions information. Please note that this script is not specific to your environment so adjustments may be required.

```
#!/usr/bin/perl -w
#####
#                               #
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#                               #
#####

use strict;

my ($filename, $line, @data,
    $APPC_curr, $APPC_max, $LUA_curr,$LUA_max,
    $ls_curr, $ls_max,$TN3270_curr,$TN3270_max,
    $TNRed_curr,$TNRed_max,$sess_curr,$sess_max,
    $V4lu6_curr, $V4lu6_max, $V4lu0_curr, $V4lu0_max,
    $first_year, $last_year, $first_month, $last_month,
    $first_day, $last_day, $first_time, $last_time,
    $AIX_version);

# Initialize for scalar declaration

$APPC_curr = $APPC_max = $LUA_curr = $LUA_max = 0;
$ls_curr = $ls_max = $TN3270_curr = $TN3270_max = 0;
$TNRed_curr = $TNRed_max = $sess_curr = $sess_max = 0;
$V4lu6_curr = $V4lu6_max = $V4lu0_curr = $V4lu0_max = 0;
$first_year = 99999;
$AIX_version = 0;

if ($#ARGV < 0) # Check for input argument on line
{
    print "usage: usage.pl <сна.usage file path>\n";
    print "  If сна.usage file path is not provided, prompts for name. \n";
    print "  \n";
    print "Enter filename to process stats on: ";
    $filename = <STDIN>; chomp $filename;

} else {
$filename = $ARGV[0];
}
}
```

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```
open (PH,$filename) or die "Cannot open $filename $!\n";
$line =0;
while(<PH> {
  $line++;
  if (/^APPC/) { # Skip comment - header lines
    if (/LU0/) {
      $AIX_version = 1; # on AIX, there is LU6 - LU1-3 and LU0
    }
    next;
  }
  next if (/^Current/); # Skip comment lines
  next if (/^----/);
  next if (/^====/);
  next if (/^\n/);

  @data = split(/[\sV]+/, $_); #Break APPC, LUA, TN3270... sections

  if ($APPC_curr < $data[1]) { $APPC_curr = $data[1]; }
  if ($APPC_max < $data[2]) { $APPC_max = $data[2]; }
  if ($LUA_curr < $data[3]) { $LUA_curr = $data[3]; }
  if ($LUA_max < $data[4]) { $LUA_max = $data[4]; }
  if ($ls_curr < $data[5]) { $ls_curr = $data[5]; }
  if ($ls_max < $data[6]) { $ls_max = $data[6]; }
  if ($TN3270_curr < $data[7]) { $TN3270_curr = $data[7]; }
  if ($TN3270_max < $data[8]) { $TN3270_max = $data[8]; }
  if ($TNRed_curr < $data[9]) { $TNRed_curr = $data[9]; }
  if ($TNRed_max < $data[10]) { $TNRed_max = $data[10]; }

  # Check for AIX verse Linux
  if ($AIX_version) {
    if ($V4lu6_curr < $data[11]) { $V4lu6_curr = $data[11]; }
    if ($V4lu6_max < $data[12]) { $V4lu6_max = $data[12]; }
    if ($V4lu0_curr < $data[13]) { $V4lu0_curr = $data[13]; }
    if ($V4lu0_max < $data[14]) { $V4lu0_max = $data[14]; }
    if ($sess_curr < $data[15]) { $sess_curr = $data[15]; }
    if ($sess_max < $data[16]) { $sess_max = $data[16]; }

  # Set first time stamp values
  if ($first_year > $data[17]) { $first_year = $data[17];
    $first_month = $data[18]; $first_day = $data[19];
    $first_time = $data[20]
  }
  # Save last time stamp
  $last_year = $data[17]; $last_month = $data[18];
  $last_day = $data[19]; $last_time = $data[20]

  } else {
    # Use these offsets for Linux sna.usage
    if ($sess_curr < $data[11]) { $sess_curr = $data[11]; }
    if ($sess_max < $data[12]) { $sess_max = $data[12]; }

  # Set first time stamp values
  if ($first_year > $data[13]) { $first_year = $data[13];
    $first_month = $data[14]; $first_day = $data[15];
    $first_time = $data[16]
  }
  # Save last time stamp
  $last_year = $data[13]; $last_month = $data[14];
```

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```
$last_day = $data[15]; $last_time = $data[16]

}
}
close(PH);

if ($AIX_version) {
    print "\n Maximum AIX usage count in 'Current / Peak' form\n";
} else {
    print "\n Maximum Linux usage count in 'Current / Peak' form\n";
}
print " for times: $first_year/$first_month/$first_day $first_time -";
print " $last_year/$last_month/$last_day $last_time \n";
print "APPC sessions: $APPC_curr / $APPC_max, \n";
print "LUA sessions: $LUA_curr / $LUA_max, \n";
print "Links stations: $ls_curr / $ls_max, \n";
print "TN3270 sessions: $TN3270_curr / $TN3270_max, \n";
print "TN Redirector connections: $TNRed_curr / $TNRed_max, \n";
if ($AIX_version) {
    print "V4 LU6, LU1-3 sessions: $V4lu6_curr / $V4lu6_max, \n";
    print "V4 LU0 sessions: $V4lu0_curr / $V4lu0_max, \n";
}
print "Data Sessions (PLU-SLU): $sess_curr / $sess_max \n";
```

Additional resources

[WebSphere Communications Server License Information \(all\)](#)