

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>ACPI</key>
  <dict>
    <key>Add</key>
    <array>
      <dict>
        <key>Comment</key>
        <string>Thunderbolt 3</string>
        <key>Enabled</key>
        <true/>
        <key>Path</key>
        <string>SSDT-TbtGCTR.aml</string>
      </dict>
    </array>
    <key>Delete</key>
    <array/>
    <key>Patch</key>
    <array/>
    <key>Quirks</key>
    <dict>
      <key>FadtEnableReset</key>
      <false/>
      <key>NormalizeHeaders</key>
      <false/>
      <key>RebaseRegions</key>
      <false/>
      <key>ResetHwSig</key>
      <false/>
      <key>ResetLogoStatus</key>
      <false/>
      <key>SyncTableIds</key>
      <false/>
    </dict>
  </dict>
  <key>Booter</key>
  <dict>
    <key>MmioWhitelist</key>
    <array/>
    <key>Patch</key>
    <array/>
```

```
<key>Quirks</key>
<dict>
  <key>AllowRelocationBlock</key>
  <false/>
  <key>AvoidRuntimeDefrag</key>
  <false/>
  <key>DevirtualiseMmio</key>
  <false/>
  <key>DisableSingleUser</key>
  <false/>
  <key>DisableVariableWrite</key>
  <false/>
  <key>DiscardHibernateMap</key>
  <false/>
  <key>EnableSafeModeSlide</key>
  <false/>
  <key>EnableWriteUnprotector</key>
  <false/>
  <key>ForceBooterSignature</key>
  <true/>
  <key>ForceExitBootServices</key>
  <false/>
  <key>ProtectMemoryRegions</key>
  <false/>
  <key>ProtectSecureBoot</key>
  <true/>
  <key>ProtectUefiServices</key>
  <false/>
  <key>ProvideCustomSlide</key>
  <false/>
  <key>ProvideMaxSlide</key>
  <integer>0</integer>
  <key>RebuildAppleMemoryMap</key>
  <false/>
  <key>ResizeAppleGpuBars</key>
  <integer>-1</integer>
  <key>SetupVirtualMap</key>
  <false/>
  <key>SignalAppleOS</key>
  <false/>
  <key>SyncRuntimePermissions</key>
  <false/>
</dict>
</dict>
```

```

<key>DeviceProperties</key>
<dict>
  <key>Add</key>
  <dict>

<key>PciRoot(0x0)/Pci(0x3,0x0)/Pci(0x0,0x0)/Pci(0x0,0x0)/Pci(0x0,0x0)</key>
  <dict>
    <key>rebuild-device-tree</key>
    <integer>0</integer>
    <key>unfairgva</key>
    <integer>1</integer>
  </dict>
</dict>
<key>Delete</key>
<dict/>
</dict>
<key>Kernel</key>
<dict>
  <key>Add</key>
  <array>
    <dict>
      <key>Arch</key>
      <string>x86_64</string>
      <key>BundlePath</key>
      <string>Lilu.kext</string>
      <key>Comment</key>
      <string>Do not touch this setting</string>
      <key>Enabled</key>
      <true/>
      <key>ExecutablePath</key>
      <string>Contents/MacOS/Lilu</string>
      <key>MaxKernel</key>
      <string></string>
      <key>MinKernel</key>
      <string></string>
      <key>PlistPath</key>
      <string>Contents/Info.plist</string>
    </dict>
    <dict>
      <key>Arch</key>
      <string>x86_64</string>
      <key>BundlePath</key>
      <string>WhateverGreen.kext</string>
      <key>Comment</key>

```

```
<string>Required for HWAccel</string>
<key>Enabled</key>
<true/>
<key>ExecutablePath</key>
<string>Contents/MacOS/WhateverGreen</string>
<key>MaxKernel</key>
<string></string>
<key>MinKernel</key>
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  <key>BundlePath</key>
  <string>AppleALC.kext</string>
  <key>Comment</key>
  <string>HDMI Audio</string>
  <key>Enabled</key>
  <true/>
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  <string>Contents/MacOS/AppleALC</string>
  <key>MaxKernel</key>
  <string></string>
  <key>MinKernel</key>
  <string></string>
  <key>PlistPath</key>
  <string>Contents/Info.plist</string>
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<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>BundlePath</key>
  <string>AppleMCEReporterDisabler.kext</string>
  <key>Comment</key>
  <string>Only required for dual CPU Mac Pro</string>
  <key>Enabled</key>
  <true/>
  <key>ExecutablePath</key>
  <string></string>
  <key>MaxKernel</key>
  <string></string>
  <key>MinKernel</key>
```

```
<string>19.0.0</string>
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</dict>
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  <key>Arch</key>
  <string>x86_64</string>
  <key>BundlePath</key>
  <string>RadeonBoost.kext</string>
  <key>Comment</key>
  <string></string>
  <key>Enabled</key>
  <true/>
  <key>ExecutablePath</key>
  <string></string>
  <key>MaxKernel</key>
  <string>19.99.99</string>
  <key>MinKernel</key>
  <string>18.0.0</string>
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  <string>Contents/Info.plist</string>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>BundlePath</key>
  <string>Bluetooth-Spoof.kext</string>
  <key>Comment</key>
  <string>Bluetooth Patch for BCM2046 and BCM2070</string>
  <key>Enabled</key>
  <false/>
  <key>ExecutablePath</key>
  <string></string>
  <key>MaxKernel</key>
  <string>21.99.99</string>
  <key>MinKernel</key>
  <string>21.0.0</string>
  <key>PlistPath</key>
  <string>Contents/Info.plist</string>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>BundlePath</key>
```

```
<string>FeatureUnlock.kext</string>
<key>Comment</key>
<string>Unlock NightShift etc</string>
<key>Enabled</key>
<true/>
<key>ExecutablePath</key>
<string>Contents/MacOS/FeatureUnlock</string>
<key>MaxKernel</key>
<string></string>
<key>MinKernel</key>
<string>16.0.0</string>
<key>PlistPath</key>
<string>Contents/Info.plist</string>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>BundlePath</key>
  <string>BlueToolFixup.kext</string>
  <key>Comment</key>
  <string>Fix Legacy Bluetooth</string>
  <key>Enabled</key>
  <false/>
  <key>ExecutablePath</key>
  <string>Contents/MacOS/BlueToolFixup</string>
  <key>MaxKernel</key>
  <string>21.99.99</string>
  <key>MinKernel</key>
  <string>21.0.0</string>
  <key>PlistPath</key>
  <string>Contents/Info.plist</string>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>BundlePath</key>
  <string>RadeonSensor.kext</string>
  <key>Comment</key>
  <string>Add sensors for AMD GPU</string>
  <key>Enabled</key>
  <true/>
  <key>ExecutablePath</key>
  <string>Contents/MacOS/RadeonSensor</string>
  <key>MaxKernel</key>
```

```

        <string></string>
        <key>MinKernel</key>
        <string>16.0.0</string>
        <key>PlistPath</key>
        <string>Contents/Info.plist</string>
    </dict>
    <dict>
        <key>Arch</key>
        <string>x86_64</string>
        <key>BundlePath</key>
        <string>ASPP-Override.kext</string>
        <key>Comment</key>
        <string>ACPI_SMC_PlatformPlugin Override</string>
        <key>Enabled</key>
        <true/>
        <key>ExecutablePath</key>
        <string></string>
        <key>MaxKernel</key>
        <string></string>
        <key>MinKernel</key>
        <string>21.4.0</string>
        <key>PlistPath</key>
        <string>Contents/Info.plist</string>
    </dict>
</array>
<key>Block</key>
<array/>
<key>Emulate</key>
<dict>
    <key>Cpuid1Data</key>
    <data>
        AAAAAAAAAAAAAACAAAAAA==
    </data>
    <key>Cpuid1Mask</key>
    <data>
        AAAAAAAAAAAAAAAAAAAAAA==
    </data>
    <key>DummyPowerManagement</key>
    <false/>
    <key>MaxKernel</key>
    <string></string>
    <key>MinKernel</key>
    <string></string>
</dict>

```

```
<key>Force</key>
<array/>
<key>Patch</key>
<array>
  <dict>
    <key>Arch</key>
    <string>Any</string>
    <key>Base</key>
    <string></string>
    <key>Comment</key>
    <string>IONVMeFamily Patch#External</string>
    <key>Count</key>
    <integer>0</integer>
    <key>Enabled</key>
    <true/>
    <key>Find</key>
    <data>
      RXh0ZXJuYWw=
    </data>
    <key>Identifier</key>
    <string>com.apple.iokit.IONVMeFamily</string>
    <key>Limit</key>
    <integer>0</integer>
    <key>Mask</key>
    <data>
    </data>
    <key>MaxKernel</key>
    <string></string>
    <key>MinKernel</key>
    <string>17.0.0</string>
    <key>Replace</key>
    <data>
      SW50ZXJuYWw=
    </data>
    <key>ReplaceMask</key>
    <data>
    </data>
    <key>Skip</key>
    <integer>0</integer>
  </dict>
  <dict>
    <key>Arch</key>
    <string>x86_64</string>
    <key>Base</key>
```



```

        <string>_early_random</string>
        <key>Comment</key>
        <string>SurPlus v1 - PART 1 of 2 - Patch read_erandom (inlined in
_early_random)</string>
        <key>Count</key>
        <integer>1</integer>
        <key>Enabled</key>
        <true/>
        <key>Find</key>
        <data>
        AHQjSIs=
        </data>
        <key>Identifier</key>
        <string>kernel</string>
        <key>Limit</key>
        <integer>800</integer>
        <key>Mask</key>
        <data>
        </data>
        <key>MaxKernel</key>
        <string>21.1.0</string>
        <key>MinKernel</key>
        <string>20.4.0</string>
        <key>Replace</key>
        <data>
        AOsjsIs=
        </data>
        <key>ReplaceMask</key>
        <data>
        </data>
        <key>Skip</key>
        <integer>0</integer>
    </dict>
    <dict>
        <key>Arch</key>
        <string>x86_64</string>
        <key>Base</key>
        <string>_register_and_init_prng</string>
        <key>Comment</key>
        <string>SurPlus v1 - PART 2 of 2 - Patch
register_and_init_prng</string>
        <key>Count</key>
        <integer>1</integer>
        <key>Enabled</key>

```

```

    <true/>
    <key>Find</key>
    <data>
    ukgBAAAx9g==
    </data>
    <key>Identifier</key>
    <string>kernel</string>
    <key>Limit</key>
    <integer>256</integer>
    <key>Mask</key>
    <data>
    </data>
    <key>MaxKernel</key>
    <string>21.1.0</string>
    <key>MinKernel</key>
    <string>20.4.0</string>
    <key>Replace</key>
    <data>
    ukgBAADrBQ==
    </data>
    <key>ReplaceMask</key>
    <data>
    </data>
    <key>Skip</key>
    <integer>0</integer>
</dict>
<dict>
    <key>Arch</key>
    <string>x86_64</string>
    <key>Base</key>
    <string>_lzn_decode_buffer</string>
    <key>Comment</key>
    <string>AVXpel - part 1 of 6</string>
    <key>Count</key>
    <integer>1</integer>
    <key>Enabled</key>
    <true/>
    <key>Find</key>
    <data>
    xMF9fwfEwX1/TyDEwX1/V0DEwX1/X2DEwX1/p4AAAADE
    wX1/r6AAAADEwX1/t8AAAADEwX1/v+AAAADEQX1/hwAB
    AADEQX1/jyABAADEQX1/l0ABAADEQX1/n2ABAADEQX1/
    p4ABAADEQX1/r6ABAADEQX1/t8ABAADEQX1/v+ABAAA=
    </data>

```

```
<key>Identifier</key>

<string>com.apple.AppleFSCompression.AppleFSCompressionTypeZlib</string>
  <key>Limit</key>
  <integer>7168</integer>
  <key>Mask</key>
  <data>
  </data>
  <key>MaxKernel</key>
  <string>21.99.99</string>
  <key>MinKernel</key>
  <string>21.5.0</string>
  <key>Replace</key>
  <data>
  ZkEPfwdmQQ9/TxBmQQ9/VyBmQQ9/XzBmQQ9/Z0BmQQ9/
  b1BmQQ9/d2BmQQ9/f3BmRQ9/h4AAAABmRQ9/j5AAAABm
  RQ9/l6AAAABmRQ9/n7AAAABmRQ9/p8AAAABmRQ9/r9AA
  AABmRQ9/t+AAAABmRQ9/v/AAAACQkJCQkJCQkJCQkJA=
  </data>
  <key>ReplaceMask</key>
  <data>
  </data>
  <key>Skip</key>
  <integer>0</integer>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>Base</key>
  <string>_lzvn_decode_buffer</string>
  <key>Comment</key>
  <string>AVXpel - part 2 of 6</string>
  <key>Count</key>
  <integer>4</integer>
  <key>Enabled</key>
  <true/>
  <key>Find</key>
  <data>
  xMF9bwfEwX1vTyDEwX1vV0DEwX1vX2DEwX1vp4AAAADE
  wX1vr6AAAADEwX1vt8AAAADEwX1vv+AAAADEQX1vhwAB
  AADEQX1vjyABAADEQX1vl0ABAADEQX1vn2ABAADEQX1v
  p4ABAADEQX1vr6ABAADEQX1vt8ABAADEQX1vv+ABAAA=
  </data>
  <key>Identifier</key>
```

```
<string>com.apple.AppleFSCompression.AppleFSCompressionTypeZlib</string>
  <key>Limit</key>
  <integer>7168</integer>
  <key>Mask</key>
  <data>
</data>
  <key>MaxKernel</key>
  <string>21.99.99</string>
  <key>MinKernel</key>
  <string>21.5.0</string>
  <key>Replace</key>
  <data>
ZkEPbwdmQQ9vTxBmQQ9vVyBmQQ9vXzBmQQ9vZ0BmQQ9v
b1BmQQ9vd2BmQQ9vf3BmRQ9vh4AAAABmRQ9vj5AAAABm
RQ9vl6AAAABmRQ9vn7AAAABmRQ9vp8AAAABmRQ9vr9AA
AABmRQ9vt+AAAABmRQ9vv/AAAACQkJCQkJCQkJCQkJA=
</data>
  <key>ReplaceMask</key>
  <data>
</data>
  <key>Skip</key>
  <integer>0</integer>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>Base</key>
  <string>_lzvn_decode_buffer</string>
  <key>Comment</key>
  <string>AVXpel - part 3 of 6</string>
  <key>Count</key>
  <integer>2</integer>
  <key>Enabled</key>
  <true/>
  <key>Find</key>
  <data>
xf1vAMX9b0ggxf1vUEDF/W9YYMX9b6CAAAAxf1vqKAA
AADF/W+wwAAAAMX9b7jgAAAAxX1vgAABAADffW+IIAEA
AMV9b5BAAQAAX1vmGABAADffW+ggAEAAMV9b6igAQAA
xX1vsMABAADffW+44AEAAA==
</data>
  <key>Identifier</key>
```

```
<string>com.apple.AppleFSCompression.AppleFSCompressionTypeZlib</string>
  <key>Limit</key>
  <integer>7168</integer>
  <key>Mask</key>
  <data>
</data>
  <key>MaxKernel</key>
  <string>21.99.99</string>
  <key>MinKernel</key>
  <string>21.5.0</string>
  <key>Replace</key>
  <data>
Zg9vAGYPb0gQZg9vUCBmD29YMGYPb2BAZg9vaFBmD29w
YGYpB3hwZkQPb4CAAAAAZkQPb4iQAAAAZkQPb5CgAAAA
ZkQPb5iwAAAAZkQPb6DAAAAZkQPb6jQAAAAZkQPb7Dg
AAAAZkQPb7jwAAAAKJCQkA==
</data>
  <key>ReplaceMask</key>
  <data>
</data>
  <key>Skip</key>
  <integer>0</integer>
</dict>
<dict>
  <key>Arch</key>
  <string>x86_64</string>
  <key>Base</key>
  <string>_lzbitmap_decode</string>
  <key>Comment</key>
  <string>AVXpel - part 4 of 6</string>
  <key>Count</key>
  <integer>1</integer>
  <key>Enabled</key>
  <true/>
  <key>Find</key>
  <data>
xMF9fwfEwX1/TyDEwX1/V0DEwX1/X2DEwX1/p4AAAADE
wX1/r6AAAADEwX1/t8AAAADEwX1/v+AAAADEQX1/hwAB
AADEQX1/jyABAADEQX1/l0ABAADEQX1/n2ABAADEQX1/
p4ABAADEQX1/r6ABAADEQX1/t8ABAADEQX1/v+ABAAA=
</data>
  <key>Identifier</key>
  <string>com.apple.driver.DiskImages.UDIFDiskImage</string>
```

```
<key>Limit</key>
<integer>7168</integer>
<key>Mask</key>
<data>
</data>
<key>MaxKernel</key>
<string>21.99.99</string>
<key>MinKernel</key>
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<data>
ZkEPfwdmQQ9/TxBmQQ9/VyBmQQ9/XzBmQQ9/Z0BmQQ9/
b1BmQQ9/d2BmQQ9/f3BmRQ9/h4AAAAABmRQ9/j5AAAAABm
RQ9/l6AAAAABmRQ9/n7AAAAABmRQ9/p8AAAAABmRQ9/r9AA
AABmRQ9/t+AAAAABmRQ9/v/AAAACQkJCQkJCQkJCQkJA=
</data>
<key>ReplaceMask</key>
<data>
</data>
<key>Skip</key>
<integer>0</integer>
</dict>
<dict>
<key>Arch</key>
<string>x86_64</string>
<key>Base</key>
<string>_lzbitmap_decode</string>
<key>Comment</key>
<string>AVXpel - part 5 of 6</string>
<key>Count</key>
<integer>4</integer>
<key>Enabled</key>
<true/>
<key>Find</key>
<data>
xMF9bwfEwX1vTyDEwX1vV0DEwX1vX2DEwX1vp4AAAADE
wX1vr6AAAADEwX1vt8AAAADEwX1vv+AAAADEQX1vhwAB
AADEQX1vjyABAADEQX1vl0ABAADEQX1vn2ABAADEQX1v
p4ABAADEQX1vr6ABAADEQX1vt8ABAADEQX1vv+ABAAA=
</data>
<key>Identifier</key>
<string>com.apple.driver.DiskImages.UDIFDiskImage</string>
<key>Limit</key>
<integer>7168</integer>
```

```
<key>Mask</key>
<data>
</data>
<key>MaxKernel</key>
<string>21.99.99</string>
<key>MinKernel</key>
<string>21.5.0</string>
<key>Replace</key>
<data>
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b1BmQQ9vd2BmQQ9vf3BmRQ9vh4AAAABmRQ9vj5AAAABm
RQ9vI6AAAABmRQ9vn7AAAABmRQ9vp8AAAABmRQ9vr9AA
AABmRQ9vt+AAAABmRQ9vv/AAAACQkJCQkJCQkJCQkJA=
</data>
<key>ReplaceMask</key>
<data>
</data>
<key>Skip</key>
<integer>0</integer>
</dict>
<dict>
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<string>x86_64</string>
<key>Base</key>
<string>_lzbitmap_decode</string>
<key>Comment</key>
<string>AVXpel - part 6 of 6</string>
<key>Count</key>
<integer>2</integer>
<key>Enabled</key>
<true/>
<key>Find</key>
<data>
xf1vAMX9b0ggxf1vUEDF/W9YYMX9b6CAAAAxf1vqKAA
AADF/W+wwAAAAMX9b7jgAAAAxX1vgAABAADfFW+IIAEA
AMV9b5BAAQAAX1vmGABAADfFW+ggAEAAMV9b6igAQAA
xX1vsMABAADfFW+44AEAAA==
</data>
<key>Identifier</key>
<string>com.apple.driver.DiskImages.UDIFDiskImage</string>
<key>Limit</key>
<integer>7168</integer>
<key>Mask</key>
<data>
```

```

        </data>
        <key>MaxKernel</key>
        <string>21.99.99</string>
        <key>MinKernel</key>
        <string>21.5.0</string>
        <key>Replace</key>
        <data>
        Zg9vAGYPb0gQZg9vUCBmD29YMGYPb2BAZg9vaFBmD29w
        YGYPb3hwZkQPb4CAAAAAZkQPb4iQAAAAZkQPb5CgAAAA
        ZkQPb5iwAAAAZkQPb6DAAAAZkQPb6jQAAAAZkQPb7Dg
        AAAAZkQPb7jwAAAAkJCQkA==
        </data>
        <key>ReplaceMask</key>
        <data>
        </data>
        <key>Skip</key>
        <integer>0</integer>
    </dict>
</array>
<key>Quirks</key>
<dict>
    <key>AppleCpuPmCfgLock</key>
    <false/>
    <key>AppleXcpmCfgLock</key>
    <false/>
    <key>AppleXcpmExtraMsrs</key>
    <false/>
    <key>AppleXcpmForceBoost</key>
    <false/>
    <key>CustomPciSerialDevice</key>
    <false/>
    <key>CustomSMBIOSGuid</key>
    <false/>
    <key>DisableIoMapper</key>
    <false/>
    <key>DisableLinkeditJettison</key>
    <true/>
    <key>DisableRtcChecksum</key>
    <false/>
    <key>ExtendBTFeatureFlags</key>
    <false/>
    <key>ExternalDiskIcons</key>
    <true/>
    <key>ForceAquantiaEthernet</key>

```



```

        <false/>
        <key>ForceSecureBootScheme</key>
        <false/>
        <key>IncreasePciBarSize</key>
        <false/>
        <key>LapicKernelPanic</key>
        <false/>
        <key>LegacyCommpage</key>
        <false/>
        <key>PanicNoKextDump</key>
        <true/>
        <key>PowerTimeoutKernelPanic</key>
        <false/>
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```

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```

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```

```

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            </data>
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unfairgva=1 mbasd=1 -no_compat_check no32exec=0</string>
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                fwgAAA==
            </data>
        </dict>
    </dict>

```

```

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```



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    P/8f/wgAAAA=
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  <data>
```

```

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    <data>
    P/8f/w==
    </data>
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```

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```

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    <false/>
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    <string></string>
    <key>Comment</key>
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    <key>Enabled</key>
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    <key>LoadEarly</key>
    <false/>
    <key>Path</key>
    <string>OpenRuntime.efi</string>
  </dict>
  <dict>
    <key>Arguments</key>
    <string></string>
    <key>Comment</key>
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    <key>Enabled</key>

```

```

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        <false/>
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    <dict>
        <key>Arguments</key>
        <string></string>
        <key>Comment</key>
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        <key>Enabled</key>
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    <dict>
        <key>Arguments</key>
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        <key>Comment</key>
        <string>Windows</string>
        <key>Enabled</key>
        <true/>
        <key>LoadEarly</key>
        <false/>
        <key>Path</key>
        <string>ExFatDxeLegacy.efi</string>
    </dict>
    <dict>
        <key>Arguments</key>
        <string></string>
        <key>Comment</key>
        <string>Beta support for USB 3.0 boot, only works via a USB 3
hub, otherwise, NO boot</string>
        <key>Enabled</key>
        <false/>
        <key>LoadEarly</key>
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        <key>Path</key>
        <string>XhciDxe.efi</string>
    </dict>
</dict>

```

```

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        <false/>
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    <dict>
        <key>Arguments</key>
        <string></string>
        <key>Comment</key>
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    <dict>
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        <string></string>
        <key>Comment</key>
        <string></string>
        <key>Enabled</key>
        <true/>
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```



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  <false/>
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  <true/>
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  <false/>
  <key>ReconnectOnResChange</key>
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  <key>ReplaceTabWithSpace</key>
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  <key>SanitiseClearScreen</key>
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```

```
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  <false/>
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  <false/>
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```

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