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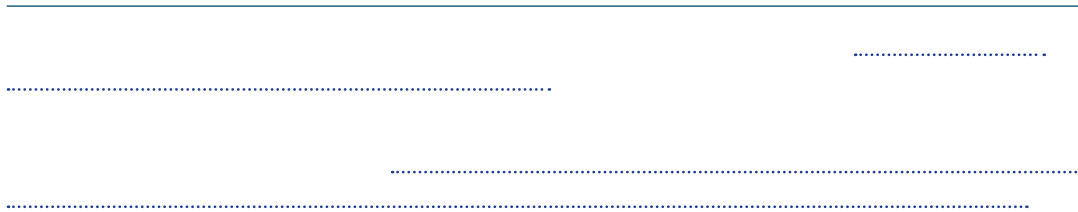
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Introduction

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Intent-based networking and segmentation

C f][]bU`nž' bYtk cf_]gY[a YbHUhcb' k Ug' U][bYX' hc' U' gHfUH[mZcf']a dfcj]b[' bYtk cf_]gHUV]]miUbX' dYfZcfa UbVW""Cj Yf' h]a Yž]h\ Ug' Yj c] j YX' hc' fY YVh' U' gYW f] m] gHfUH[m] b' k \] WX' h' Y' bYtk cf_]g' gY[a YbH' X' cf' Vc' a dUf' a YbH' U] nYX' hc' '



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6YW]i gY'J F: g'YI hYfbU'hc 'h\Y'ZUVf]W]gc'UH'Vč'a a i b]WU]cbg'VYk'YYb'h\Ya 'Vmi g]b['gYdUfU'fci h]b['hUV'Yg'dYf'
J F: ž]h]g'bYVW'ggUfmi'c'Z:fk UfX'hU 'W]hc'Ub'YI hYfbU'biYk cf_'XYj]W'hc'YbUV'Y'hYgY'Vč'a a i b]WU]cbg'ZXYg]fYX''

Reader tip

H\Y'Z gjcb' fYk U'fjg'Ug'X]gW ggYX']b'h.]g'XcW a Ybh]g'Wc]bg]XYfYX'hc' VY '@UnYf'' 'UX'UW'bhhc'h.Y'G8!
5VW'gg'VcfXYf'bcXY'Ug'k YR Ycf

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`cc_i dZWXWY_Zcf'U'dc`]Wz'UbXz]ZdYfa]H'YX'UbX'h'Y'Y[fYgg']bh'fZJW' cZH'Y'G; : K]g'YbUV'YX'Zcf']b']bY'fU[[]b[ž
k]'Zcfú A Yg'Zc

: ස්වදේශික වගකීමක් ලෙසින් ආරක්ෂා කිරීමේදී

8Y b]b['bYtk cf_'gY[a Ybhg

lc'hY'gUa Y'gk]H\''H\]g'WUdUV]]mfYXi W'g'hY'UHUW_gi fZUW' h'fci [\ 'hY'UV]]mhc''ja]h'hY'\cf]hcbHU' gdfYUX'cZ
a U'k UfY' bchcb'mVYtk YYb'gWU'UV'Y' [fci dg'Vi hY] Yb'VYtk YYb'a Ya VYfg'cZ'hY'gUa Y' [fci d'VUgYX'cb'hY'W'cbfUW'h
cf'G; 57@UbX'hY'@UnYf'('UWVYgg'W'cbfc''Ybhf]Yg'k]h]b'U'dc']Vt

5g'Ub'YI Ua d'Y'cZ'hY'i gY'cZG; Hg'Zcf'gY[a YbHU]cbz'W'cbg]XYf'U'i b]] Yfg]mYbj]fcb'a Ybh]b'k \]M\ 'hYfY'UFY'
X] YfYbh'mdYg'cZi gYfg'UbX'XYj]WYg'gi V\ Ug'ZUW' 'mz'Ya d'cmY'Ygž'gh XYbfgž'df]bHYfgž'UbX'Yj Yb'WUa di g'ZUW]]h]Yg'
UbX'gYW'f]m]'<YfY'hY'bYXX'Zcf'gY[a YbHU]cbz'Yj Yb'VYtk YYb'gh XYbfg'UbX'WUa di g'ZUW]]h]Yg'cf'gYW'f]mž'a UmVY'
UXXfYggYX'h'fci [\ 'hY']gc'Uh]cb'c YfYX'VmgWU'UV'Y' [fci dg"

5bchYf'YI Ua d'Y'WU'b'VY'Zci bX']b'hY'W'cfdcfUH'cdYfUH]cbg'cZUbmVi g]bYgg'hUhXYg]fYg'lc'gY[a YbhYa d'cmY'Ygž'

Reader tip

HYY i'gY'cZG; Hg'Ug'U'gYW f]mWc bfc`Zc f'DC G'a UW]bYg'UbX`WfX'fY UXYfg'jg'gc'Y'mUhi h'Y'X]gWYh]cb'
cZ U'U f A c 'Z 'Wc_'» X'mñ 'fb'

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Use cases

H\Y`Zc`ck]b[`i gY`WUgYg`UFY`]bH\BXYX`hc`g\ck`gca`Y`YI`Ua`d`Yg`cZ\ck`j`]fhi`U`bYtk`cf_g`UbX`gWU`UV`Y`[`fci`dg`a`Um`VY`i`gYX`hc`]a`d`Ya`YbhigY[`a`YbhUhc]cb`k`]h\]b`Ub`G8!`5Ww`gg`ZUVf]W`5g`X]gW`ggYXzj`]fhi`U`bYtk`cf_g`c`Yf`h\Y`fgh`UnYfz`cf`a`UWc`Yj`Yz`cZbYtk`cf_gY[`a`YbhUhc]cbz`Vca`d`YH`m]gc`Uh]b[`h\Y`hfU`WcZcbY`j`]fhi`U`bYtk`cf_Z`ca`h\Y`ch\Yfg`"H\Y`gYwcbX`UnYfz`cf`a`]Wc`Yj`Yz`cZgY[`a`YbhUhc]cbzi`g]b[`gWU`UV`Y`[`fci`dgz`WUb`h\Yb`VY`Udd`YX`hc`hfU`Wk`]h\]b`h\Y`j`]fhi`U`bYtk`cf_`"H\Y`i`gY`cZgWU`UV`Y`[`fci`dg`k`]h\]b`U`j`]fhi`U`bYtk`cf_`]g`di`fY`mcd]cbU`Vi`hXcYg`dfcj`]XY`UXX`]h]cbU`gYw`f]mi`]b`h\Y`UV`]mi`hc`fYg`hf]W`hfU`WVYtk`YYb`YbXdc]b]hg`]b`X`YfYbhigWU`UV`Y`[`fci`dgz`cf`Yj`Yb`hc`fYg`hf]W`h`Vca`a`i`b]WUhc]bg`VYtk`YYb`a`Ya`VYfg`cZ`h\Y`gUa`Y`[`fci`d`h\`fci`[`h\`Y`i`gY`cZ7]gWc`Hfi`ghGYW[`fci`d!`VUgYX`dc`]W`Yg`"

Caution

H\Y`YI`Ua`d`Yg`VY`ck`UFY`↑`gh`h`U`h`H\Y`miXc`bch`fY`dfY`gY`bh`U`j`U`]X`U`h`X`Udd`fc`UW`hc`gY[`a`Ybh]b[`U`bYtk`cf_k`]h\]b`h\Y`gW`b`U`f]c`g`XY`d]W`Y`X`"9`Yf`m`c`f[`Ub]h`U`h]c`b`k`]`U`j`Y`]`hg`ck`b`f`Y`ei`]f`Y`a`Y`bh`g`Ub`X`[`c`U`g`k`h`Y`b`]a`d`Ya`Ybh]b[`gY[`a`YbhUhc]cbz`UbX`h\Y`gY`i`gY`WU`gY`g`↑`gh`c`Yf`gca`Y`YI`Ua`d`Yg`Z`cf`nci`fú`A`gW`

Figure 10. Segmentation in higher education

Figure 12. Segmentation in healthcare



H\Y'6i]X]b['J B U`ck g`Zcf`Wta d`YHY`]gc`Uh]cb`cZUW]`]micf`WUa di gk]XY`Vi]X]b[žgYW f]mž`UbX`]bZcfa Uh]cb`grgH`a g`
#Zcfa Uh]cb`_cg_gžX][]H`g][bU[YžUbX`j]XYc`grfYUa]b[`Zcf`dUh]YbhUbX`[i YghYbhYfH]ba Ybh]b`h\Y`\cgd]fU`fcca g`
UbX`k U]h]b[`UfYUg`Wti `X`VY`cWUHYX`]b`h\Y`6i]X]b['J B"

:]bU`mž`h\Y`; i YghJ B`]g`dfcj]YX`Zcf`U`Zcf`dUh]YbhU` cf`#hY` h]YbW`Y`g"

Figure 13. Segmentation in electric power

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Appendix B: References

Americas Headquarters
Cisco Systems, Inc.
San Jose, CA