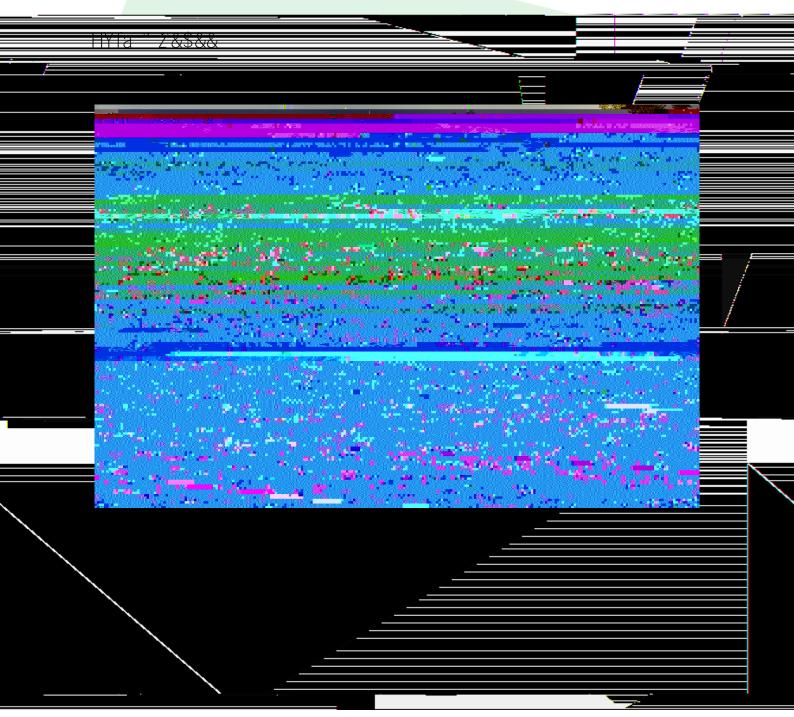


# **CVEN4504**

5 Xj UbWYX'K UhYf'UbX'K UghYk UhYf'HfYUha Ybh



# 7ci fgY<sup>·</sup>Cj Yfj ]Yk

# GhJZZ 7 cbhJWh 8 YhJ] `g

# 7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]lm	@cWUh]cb	D\cbY
8 Uj ]X K U]hY	X"k U]hY4 i bgk "YXi "Ui_	7 cbgi `HJH]cb   ‰	‰ ‰ %	00

### 7ci fgY 8YHJ] g

#### I b]hg cZ7fYX]h \* \*

#### Gi a a UfmcZh\Y 7ci fgY

H\Y`Wci fgY`X]gWiggYg`Vch\`h\Y`Z bXUa YbhU``WcbWidhg`UbX`dfUWf]WU``UgdYWig`]bj c`j YX`]b`h\Y`XYg][ b`cZ j Uf]ci g`Wcbj Ybh]cbU``UbX`UXj UbWiX`hfYUha Ybhi b]hdfcWiggYg`hc`a YYhgdYVJZJYX`k UhYf`ei U`]hmghUbXUfXg k ]h\`Ya d\Ug]g`cb`fYa cj U``cZbcb!hfUX]hjcbU``UbX`Ya Yf[ ]b[ `WcbhUa ]bUbhg"

#### 7 ci fgY 5]a g

Hc 'dfcj ]XY 'U 'Wca dfY\Ybg]j Y 'i bXYfgHJbX]b[ 'cZh\Y 'Z bXUa YbHJ` 'WcbW'dhg 'UbX 'XYg][ b 'df]bW]d`Yg ']b 'Vch\ Wcbj Ybh]cbU` 'UbX 'UXj UbW X 'k UhYf 'hfYUha Ybhi b]hdfcW/ggYg"

#### 7 ci fgY @YUfb]b[ Ci hWca Yg

- %" → YbhjZm]a dcfhUbhk UhYfei U`]hmdUfUa YhYfgʻUbXij Uf]ci gʻWcbghjh Ybhgʻh\UhUZYWhk UhYfei U`]hm'
- &" 5 bu'mgY h\Y'df]bV]d'Yg'cZW.Ya ]\W'`fYUWr]cbg'UbX'WcbW'dhg']bj c'j YX']b'XYg][b'cZ]a dcfrubh fYUha Ybhi b]hg']b'U'Wcbj Ybh]cbu'`ffYUha Ybhid'Ubh]bWi X]b['WcU[i `Uh]cbz'ZcWW `Uh]cbz'Wuf]Z]\WUh]cbz a ]| YX!a YX]U'Z|`hfUh]cb'UbX'X]q]bZYWhcb
- " 5dd`mj Uf]ci gʻUXj UbWYXʻlfYUha Ybha Yh\cXgʻ]bWi X]b[. ʻUŁʻUXj UbWYXʻcl ]XUh]cbʻUbXʻfYXi Whj Y dfcWYggYgʻVŁ'a Ya VfUbY!VUgYXʻlfYUha YbhidfcWYggYgʻWŁY`YWYfcX]U`mg]gʻUbX`WUdUWJhj Y XY]cb]nUh]cbʻXŁʻUXgcfdh]cbʻUbXʻ]cbʻYl W\Ub[YʻdfcWYggYgʻhcʻdfcXi WYʻk UhYfʻcZ\][\!ei U`]hm ghUbXUfXg"
- ("9j U`i UHY`UbX`X]ggYa]bUHY`\_bck`YX[Y`UbX`HYVXbc`c[]Yg`Zfca`diV`]g\YX``]HYfUhifY`YZZYWfjY`m]b`Ukf]HYb`fYdcfficf`Uq`U`qYa]bUf`dfYqYbHUh]cb"
- ) "8YjY`cd`]bhYfdYfgcbU``UbX`dfcWYgg`a UbU[YaYbhg\_]``g`]b`hYUa!kcf\_Ybj]fcbaYbhg"

#### HYUWX]b[ GhfUhY[]Yg

D`YUqY`fYZYf`hc`h\Y`]bZcfa Uhlcb`]b`A ccX`Y

#### 5XX]h]cbU`7ci fgY ±bZcfa Uh]cb

### 5ggYgga Ybh

@UhY`k cf\_k]``VY`dYbU`]gYX`Uhh\Y`fUhY`cZ)ı `dYf`XUmfUZhYf`h\Y`Xi Y`h]a Y`UbX`XUhY`\Uj Y`YI d]fYXŁ'UbX WUddYX`Uh)`XUmg`fl&\$`\ci fgŁž'UZhYf`k\]W\`U`ghi XYbh`WUbbchgi Va ]h`Ub`UggYgga Ybhž'UbX`bc`dYfa ]hhYX j Uf]Uh]cb"

5ggYgga Ybh'tUg_	K Y][\h	8iY'8UHY	7 ci fgY @YUfb]b[ Ci HWca Yg 5ggYggYX
%"Ei]nnYg	&) I	9UW. ei ]n ]g Xi Y UhU X]ZZYfYbhXUHY fgYY Wci fgY ci h]bYgŁ	%ž &ž '
&"": ]bU`'YI Ua	) \$1	8if]b['h\Y'Yl Ua'dYf]cX	%ž`&ž`'
' "; fci d'K cf_'5ggYgga Ybhg	&) ı	GYY'WcifgY'cih]bYg	%ž'&ž' ž'(ž')

### 5ggYgga Ybh% Ei]nnYg

8i Y'XUhY. '9UVX'ei ]n']g'Xi Y'Uh'U'X]ZZYfYbh'XUhY'fbYY'Wci fgY'ci h]bYgŁ

5ggYgga Ybh'& : ]bU`Yl Ua

8i Y XUhY. 8i f]b[ h\Y Y I Ua dYf]cX

: ]bU``YI Ua `]g`U`&`\f`cb`]bYžcdYb`Vcc\_`YI Ua "

5ggYgga Ybh' .; fci d K cf\_5ggYgga Ybhg fl fci dŁ

8i Y XUhY. GYY Wci fgY ci h]bYg

 $\label{eq:continuity} $H\setminus g^*[g^*U^*h'Ua^*k\ cf_UggYgga\ Ybhk\ ]W.\ Wcbg]ghg^*cZUL^*Ub^*]b!\ WUgg^*dfYgYbhUh]cb^*k\ cfh\ `%$i \ ~~z^*VL^*U^*k\ f]hh'b fYdcfhk cfh\ `%$i \ ~~UbX^*WLgYa\ ]bU^*Yb[\ U[\ Ya\ Ybhk\ cfh\ `) i \ "$ 

•	ı	•

%( 'C WcVYf	

# Fygci fWyg

### FYWca a YbXYX FYgci fWYg

### Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

D`YUgY`fYZYf`hc`h\Y`A ccX`Y`dU[Y`cZh\Y`Wci fgY`Zcf`Z fh\Yf`[i]XUbW\`cb`UggYgga Ybhigi Va]gg]cb"

#### I BGK `\Ug`U`ghUbXUfX``UhY`gi Va ]gg]cb`dYbU`hmcZ

• )ı 'dYf'XUmž'Zcf'U``'UggYgga Ybhg'k \YfY'U'dYbU'hm'Udd`]Ygž'WUddYX'Uh'Zjj Y'XUmg'f1%&\$'\ci fg\z'UZhYf k\]WX'U'ghi XYbh'WUbbchgi Va ]h'Ub'UggYgga Ybhž'UbX'bc'dYfa ]hhYX'j Uf]Uh]cb"

### 5 WUXYa ]W<cbYghmUbX D`U[]Uf]ga

6Yk UfY "5b" Ugg][ ba Ybhh\Uh]bWi XYg"d`U[ ]Uf]gYX"a UhYf]U``k ]```fYWY]j Y"U"\$ı ': U]`žUbX`ghi XYbhg`k \cd"\U[ ]Uf]gY"a UmZU]``h\Y'Wci fgY"'Ghi XYbhg`k \cd"\U[ ]Uf]gY"UfY'U`gc"`]UV`Y'hc"X]gW]d`]bUfm'UWf]cbž]bWi X]b[YI Wi g]cb'Zfca 'Ybfc`a Ybh'

 $D`U[]Uf]ga ~]g'hY'i gY'cZUbch\Yf'dYfgcb'g'k cf\_'cf']XYUg'Ug']Zh\Ymk YfY'mci f'ck b'''K ~Yb']h]g'bYWYggUfmcf XYg]fUV'Y'hc'i gY'ch\Yf'dYcd'Y'g'a UhYf]U`'mci 'g\ci `X'UXYei UhY`mUW_bck `YX[Y'k \cgY'k cfXg'cf']XYUg'h\Ym$ 

# 5 WUXYa]W + DZcfa Uh]cb

: ]bU`'9l Ua ]bUh]cbg.

: ]bU``Yl Ua g`]b`H' `&\$&&`k ]```VY`\Y`X`cb`]bY`VYlk YYb`&) h\`Bcj Ya VYf`!`, h\`8YWfa VYf`&\$&&`]bWl g]j Yž`UbX gi dd`Ya YblUfmYl Ua g`VYlk YYb'-h\`!`% h\`>Ubi Ufm&\$&' `]bWl g]j Y"`Mci `UfY`fYei ]fYX`hc`VY`Uj U]`UV`Y`cb