

G # y9 @ .Q+F2`

/`B2M " `i? C2`2Kv w2`#B#

y3fyRfkyky

GBMF 7Q`F2/ 72Q2KM/ i?2 p2`bBQM Bb  
k32Nd#dRj2k/j3yj +228#99d//ed8Neek92RR#y

AMi`Q/m+iBQM

b M BMi`Q/m+iBQM- r2 + M b v i? i i?2 ;Q Hb Q7 i?Bb H # ` .Q+F2K ;2b- #2+QK27 KBHB `rBi?T`Q m2M b2`rB T2M pBbBQM 7Q` +Q`2 +QM+2Tib 7Q`/vM KB+ b+ HBM; Q7 M TTHB+ iBQM BM T` +iB+2 /2+2Mi` HBb2/ K M ;2K2Mi Q7 r2# b2`p2` BMbi M+ mTQM i?2 T`2pBQmb H # r2 /B/ QM i?2XHQ /@# H M+BM; iQQH h?2 H # +QMbBbib Q7 e i bFb M/ QM2 BMBiB H i bFUi?2 BMB B7 vQm H`2 /v +QKTH2i2/ i?2 H # QM HQ / # H M+BM;V,

RX// T`Q+2bb bmt2`pBbQ`iQ `mM b2p2` H T`Q+2bb2b  
kX// iQQH iQ K M ;2 K2K#2`b?BT BM i?2 r2# b2`p2` +Hmbi2  
jX\_2 +i iQ K2K#2`b?BT +? M;2b  
9Xb2 i2KTH i2 2M;BM2 iQ 2 bBHv ;2M2` i2 +QM};m` iBQM  
8X2M2` i2 M2r HQ / # H M+2` +QM};m` iBQM r?2M K2K#2  
eX F2 i?2 HQ / # H M+2` miQK iB+ HHv `2HQ /i?2 M2r +Q

h?2 BMi`Q/m+iBQM iB2MiB T v Bb,bm2b M/ BMbi HH i?2 iQQHb

h bF y , A/2MiB7v Bbbm2b M/ BMbi HH i?2 iQQHb

Zm2biBQM b

(JR) .Q vQm i?BMF r2 + M mb2 i?2 +m``2Mi bQHmiBQM 7Q` T 2MpB`QMK2Mi\ q? i `2 i?2 K BM T`Q#H2Kb r?2M /2THQvB T`Q/m+iBQM 2MpBMQBMb2Mi Bb i?2 H i2M+v #2ir22M i?2 ?m `2 +iBQM M/ i?2 b2`p2` #2BM; /QrMX h?2 7 +i i? i i?2 /KE T2`7Q`K +?2+F QM i?2 b2`p2`b iQ FBHH QM2 M/ `2HQ / Bi H i2M+vX AMi?2 T`2pBQmb H #- r2 #mBHi M `+?Bi2+im`2 i? r2 // iQ +QM};m`2 i?2 T`Qtv M/ `2HQ / Bi K Mm HHv 2 +? iB bQK2 ?2 pv ?mK M BMi2` +iBQM M/ i?2`27Q`2 +`2 i2 bQK2 H

6m'i?2'KQ'2- BM Qm' T'2pBQmb BKTH2K2Mi iBQM Q7i?2 H #-  
+QQFB2 b2bbBQM K M ;2K2MiX AMi?Bb BKTH2K2Mi iBQM- bm  
b2bbBQM HQbb2b M/ i?2'27Q'2- +'2 i2 bQK2 BM+QMp2MB2

(Jk) .2b+'B#2 r? i vQm M22/ iQ# OTTQ Mi/ BM2' iQ i?2  
BM7' bi'm+im'2X :Bp2 i?2 2t +i bi2Tb Q7 r? i vQm ? p2 iQ /Q  
KQ/B7vBM; i?2 r v i?2 i?BM; b '2 /QM2X >BMi, uQm T'Q# #  
iQ KQ/B7v bQK2 +QM}; m' iBQM M/ b+'BTi AM2b BM .Q+F2' i  
Q'/2' iQ // M2r i2Q T2vBM Qm'2/ iQ ,

RX// i?2 b2'p2' BQM#2 //BM; i?2 HBM2 b2'p2' bj lbj=,jyyy +  
7i2' b2'p2' Bb /2+H '2/X UqQ'Fb BM i?2 2 'Hv bi ;2b  
7i2' 72r bi2Tb- i?2 bkrBHH /BiB QTM 27 M/ i?2'27Q'2 i?Bb  
bmTTH2K2Mi iBQM rBHH MQ HQM; 2' #2 '2H2p MiV

kX// i?2 7QH HQrBM; b+B BTi BM ii?27Q M2' BTib

b27B ^ bflbj=fOajnsP\_hnjyyynh\*Sn ..\_f; ^  
fmbH Q +f2Hi +f? T'Q tvf? T'Q tv X +7;

jXAM i/Q+F2'@+}HKT-Qb2 i?2 7QH HQkBM; Hm MiBQM?2

r2# TTj ,  
+QMi BM2'nM K2 , O&q1" SSnjnL J1'  
#mBH / ,  
+QMi2ti , Xfr2# TT  
/Q+F2'7BH2 , .Q+F2'7BH2  
M2irQ'Fb ,  
?2B ; ,  
BTp9n // '2bb , O&q1" SSnjnAS'  
TQ'ib ,  
7 ô9yyR,jyyyô  
2MpB'QMK2Mi ,  
7 h :4O&q1" SSnjnL J1'  
7 a1\_o1\_nAS4O&q1" SSnjnAS'

9XmM BM i?2 'QQi77+QH/T2' b/20#mFH /

LQi2i? i# b2/QMi?2 p2'bBQM vQmi F2- vQmrBHH MQi#2 #1  
#2+ mb2 Qm' '2TQbBiQ'v? b+? M;2/ HQi 7i2' bQK2 bi2Tb Q  
iQ i F2 p2'bBQM i? i rQ'Fb ;Q QM82/2XRQJK2 Bi MmK#2'

(Jj) " b2/ QM vQm' T'2pBQmb Mbr2'b- vQm ? p2 /2i2+i2/ bQ  
BM i?2 +m''2Mi bQHmiBQMX LQr T'QTQb2 #2ii2' TT'Q +?  
H2p2AHX Qm' bQHmiBQMX r2 ? p2 iQ // M/ +QM}; m'2 2 +? M  
HHvX h?Bb +QmH/ #2 bQK2iBK2b H2M; i?v M/ T BM7mH iQ /  
TT'Q +?- KQ'2 /vM KB+- +QmH/ #2 KQ'2 i? Mr2H+QK2 BM Q'  
'2KQpBM; Q'2/BiBM; MQ/22 bB2' M/ 7 bi2'X OOOO (J9) uQ

i? i i?2 HBbi Q7 r2# TTHB+ iBQM MQ/2b Bb? '/+Q/2/ BM i?2  
m' iBQMX >Qr + M r2 K M ;2 i?2 r2# TT MQ/2b BM KQ'2 /vM  
uQm +QmH/ +'2 i2 b+'BTii? i //biQi?2 +QM};m' iBQM }H2 i  
M/ i?2 BM7Q M22/2/ /vMz 2'BM-MHBK2X 5AS10HtQrb mb  
iQ /Q bQX KQ'2 /2i BH2/ bQ?Hx2BQM +QmH/ #2 7QmM/

(J8) AM i?2 T?vbB+ H Q' pB'im H K +?BM2b Q7 ivTB+ H BM  
r2 i2M/ iQ? p2 MQi QMHv QM2 K BM T'Q+2bb UHBF2 i?2 r2# b  
HQ / # H M+2'V 'mMMBM;- #mi 72r //BiBQM H T'Q+2bb2b  
T2'7Q'K K M ;2K2Mi i bFbX

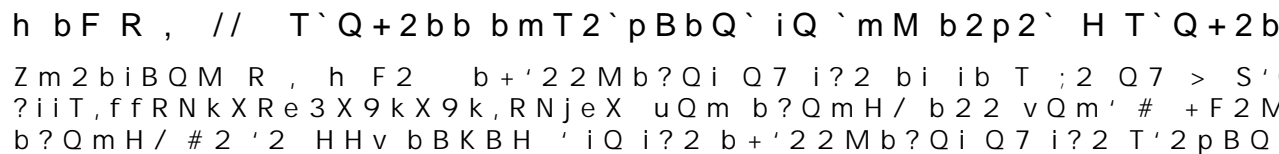
6Q' 2t KTH2 iQ KQMBiQ' i?2 /Bbi'B#mi2/ bvbi2K b r?QH2 B  
KQM iQ +QHH2+i BM QM2 +2Mi' HBb2/ TH +2 HH i?2 HQ;b T  
/Bz2'2Mi K +?BM2bX h?2'27Q'2 r2 M22/ T'Q+2bb 'mMMBM;  
+?BM2 i? i rBHH 7Q'r '/ i?2 HQ;b iQ i?2 +2Mi' H TH +2X Uq2  
BK ;BM2 +2Mi' HiQQH i? i'2 +?2b QmiiQ 2 +? K +?BM2 iQ  
HQ;bX h? iöb Tmb? pbX TmHH T'Q#H2KXV Ai Bb [mBi2 +QKK  
Tmb? K2+? MBbK mb2/ 7Q' i?Bb FBM/ Q7 i bFX

.Q vQm i?BMF Qm' +m''2Mi bQHmiBQM Bb #H2 iQ 'mM //BiB  
K2Mi T'Q+2bb2b #2bB/2 i?2 K BM r2# b2'p2'fHQ / # H M+2  
+QMi BM2'\ A7 MQ- r? i Bb KBbbBM; f'2[mB'2/ iQ '2 +? i?  
v2b- ?QriQ T'Q+22/ iQ 'mM 7Q'2t KTH2 HPQm'7Q'r '/BM; T'Q+  
bQHmiBQM /Q2b MQi HHQr KmHiBTH2 T'Q+2bb2b iQ #2 H mM  
b Bi;Q2b ; BMbii?2 ;QQ/ #2?BpKBQmX' Q7 m bQ MvT .bQb+F2'  
i?Qb2 # ''B2'b Bb iQ +'2 i2 VH Mh/MH+ m2MT' ?Qb+r2 #Q Tu' QM Bb b2bX  
GQQFBM;'miM02M i?2 'B;?i+QKKBi p2'bBQM 'B;?i Qi?2'rBb2 i?2  
MQirQ'FV - r2 + M b22 iX q22+m2H/bm b2Q?Bb +QKK M/ iQ HQ;  
2p2'vi?BM; r2 M22/ M/ 7Q'r '/ i?2KiQ +2Mi' HBb2/ b2'p2  
MQi?2' bQHmiBQM rQmH/ #2 iQ mb2 i?2 HQ; .Q+F2'öb K2+? i  
b2M/ i?2KiQ b2'p2'X

(Je) AM Qm' +m''2Mi bQHmiBQM- Hi?Qm;? i?2 HQ / # H M+2  
iBQM Bb +? M;BM; /vM KB+ HHv- Bi /Q2bMöi 7QHHQr /vM K  
};m' iBQM Q7 Qm' /Bbi'B#mi2/ bvbi2K r?2M r2# b2'p2'b '2  
'2KQp2/X A7 r2 i F2 +HQm2XbQ'CBFTii r22b22 irQ + HHb  
iQ2/r?B+? rBHH '2TH +2 irQTH QM X b2BM};m2' iBQM }H2  
Dmbi #27Q'2 ?2TbQXv uQm +H2 'Hv b22 i? i i?2 +QM};m' iBQM  
}H2 ? b irQ HBM2b M/ i?2 b+'BTi rBHH '2TH +2 i?2b2 irQ HB

q? i? TT2Mb B7 r2 // KQ'2 r2# b2'p2' MQ/2b\ .Q vQm i?BM  
'2 HHv /vM KB+\ Aiöb 7 ' r v 7'QK #2BM; /vM KB+ +QM};  
\* M vQm T'QTQb2 bQHmiBQM?2Qm2Q2p22i?BM\ iQ //

## h F2 b+'22Mb?Qi Q7 i?2 bi ib T ;2 Q7 > S'Qtv

9

Zm2biBQM k , .2b+'B#2 vQm' /B{+mHiB2b 7Q' i?Bb i bF M/v  
bi M/BM; Q7 r? i Bb ? TT2MBM; /m'BM; i?Bb i bFX 1tTH BM E  
rQ' /b r?v '2 r2 BMbi HHBM; T'Q+2bb bmt2'pBbQ'X .Q MQi ?  
/Q KQ'2 '2b2 '+? M/ iQ }M/ KQ'2 'iB+H2b QM i? i iQTB+ iQ B  
i?2 T'Q#H2KX

q2 /B/ MQi 2M+QmMi2' K Mv /B{+mHiB2b BM i?Bb T 'i U2t+2  
T i? r2'2 #HQ i2/ #Bi #mi MQ #B; /2 HVX 1p2'vi?BM; ' M bKQ  
MQi bT2M/ HQi Q7 iBK2 /QBM; i?2 K MBTmH iBQM bX

b 7Q' i?2 BMbiTHQ+2iBbQbH-0272p B bQ M/ i? i Bi rQmH/ #2 mb27mH  
BM Q'/2' iQ 'mM KmHiBTH2 T'Q++2QbBi2BM2iM Bi? 2 b K2 .Q+F2'  
bi i2/ BM i?2 /Q+mK2Mi iBbQbK Q/72i?Q 'Hm M- .Qb-M2H2 T'Q+2bb  
T2+QMi BMA27 r2 r Mi iQ #vT bbi?2 bBM; H2 T'Q+2bb BkTH2K2M  
iQ bi 'i HBiiH2 B'Q-Q2m'b+ B M-Bi? i 'mMb b Qm' K BM T'Q+2b  
bi 'i Qi?2' b2+QM/ 'B2b T'Q+2bb2b bi?2 KmHiBTH2 T'Q+2bb  
r2 b2i miT aKe M ;2 Qm' T'Q+2bb2bX i i?2 2M/- r2 + M b22 i?  
T'Q+2bb bi 'i i?2M Q; mF'2iB QBMHMK/ Me ;2 i?2 Qi?2' TTHB+ iBQM  
T'Q+2bb2bX

h bF k , // iQQH iQ K M ;2 K2K#2`b?BT BM i?2 r2#  
b2`p2` +Hmbi2`

.2HBp2' #H2 R , S'QpB/2 i?2 /Q+F2' HQ; QmiTmi 7Q' 2 +? Q7 i  
2'b?, -bR M bK uQm M22/ iQ +'2 HiQ; B M Q/0/m2''2TQbBiQ'v  
iQ biQ'2 i?2 }H2b b2T ' i2Hv 7'QK i?2 H # '2TQ'ix 6Q' 2 +?  
+'2 i2 7QH/2' M/ M K2 Bi mbBM; i?2 i bF MmK#2'X LQ M22.  
7QH/2' r?2M i?2'2 '2 MQ HQ; b

\*?2 hF b FX kh?2 M K2 Q7 i?? 2b RHM2tk '2

.2HBp2' #H2 k , :Bp2 i?2 Mbr2' iQ i?2 [m2biBQM #Qmi i?2  
T'Q#H2K i?2 rBi? i?2 +m''2Mi bQHmiBQMX

h?2 2tBbiBM; T'Q#H2K rBi? i?2 +m''2+MmbQ2B m MB/Q M Bbi? i r2 +  
? bFBM; i?2 M2r MQ/2b iQ DQBM i?Bb QM2 }'biX h?2 T'Q#H2K  
B7 i?2 +Hmbi2' /Q2b MQi 2t BbQ/2B iB2H2M Q2 riQ'F XM q? i  
r2 rQmH/ ? p2 r Mi2/ iQ /Q Bb i? i HH i?2 M2r MQ/2b i? i r2  
i?2 +Hmbi2' BM/2T2M/2MiHv Q7 i?2 Qi?2' MQ/2bX

.2HBp2' #H2 j , :Bp2 M 2tTHa2M7iB QM FCBM ?Qr\_2 /  
i?2 Q{+B H r2#bBi2 iQ ;2i KQ'2 /Paia ASH bi Q#Qmhi m22 /  
B M2'X h'v iQ }M/ Qi?2' bQHmiBQM bi? i + M #2 mb2/ iQ bQH p.  
bBim iBQM b r?2'2 r2 M22/ bQK2 miQ@/Bb+Qp2'v K2+? MBb  
a2'7 Bb /2+2Mi' HBx2/ bQHmiBQM 7Q' b2'pB+2 /Bb+Qp2'  
i? i Bb HB;?ir2B;?i- ?B;?Hv p BH #H2 - M/ 7 mHi iQH2' M

h?Bb [m2'i2^ b ;BiK2#Mb;i2 Bb2/Bb+Qp2'v b2'pB+2 i? i HHQrb  
iQ /2i2+i MQ/2b 7 BHm'2b M/ M6QMB27p2 M7 2v2i2iKCB7 i?2 +Hmbi  
#mBHi QM iQT Q7 a2`7- H2iiBM; vQm mb2 a2`7öb ;QbbBT T`QiQ+QH i  
bm+? b /2THQvb- +QM};m` iBQM +? M;2b- 2i+X a2`7 Bb +QKTH2i2Hv  
MQ bBM;H2 TQBMi Q7 7 BHm`2Xô

:PaaAS T'QBQ + QfQ +2bb Q7 +QKTmi2' T22'@iQ@T22' +QKKmM  
QM i?2 bT'2 / QM M 2TB/2KB+bX

AM æ2'7 b2- BiK2 Mb i? i i?2 MQ/2b rBHH #2 F2TimT/ i2/  
M/ i?2 bi imb Q7 i?2 Qi?2' MQ/2bX AirQ'Fb BM #B/B'2+iB  
#2ir22M i?2 +m''2Mi MQ/2 M/ i?2 +Hmbi2'X h? ir v- M2r M  
+Hmbi2' i Mv iBK2 M/ i?2B' ?2 Hi? rBHH #2 +?2+F2/ QM #v  
b b2?2M2r 2 + M b22 i? i HQi Q7 Hi2'M iBp2b 2tBbiX h?2 K  
rQmH/ #2 FmQ# 2+ QK2 b2bH

h bF j , \_2 +i iQ K2K#2`b?BT +? M;2b

.2HBp2' #H2 R , S'QpB/2 i?2 /Q+F2' HQ; QmiTmi 7Q' 2 +? Q7 i  
2'b?, -bR M6K Smi vQm' HQ;HQBMB i22iQ'v vQm +'2 i2/ BM  
i?2 T'2pBQmb i bFX

\*?2 hF b FXjh?2 }H2b ?2bR M6K2 /

.2HBp2' #H2 k , S'QpB/2 i?2 HQMi 7BQK i?2i?2'2 / /B@  
'2+iHv 7'Qf6 i'7HQ;fb2`7XHHQ;T'2b2Mi BM i?2 +QM i BM2'X Smi  
i?2 HQ;b H1Q;H2'2+iQ'v BM vQm' '2TQX

\*?2 hF b FXjh?2 }H2 B2`7XHHQ2 /

h bF 9 , lb2 i2KTH i2 2M;BM2 iQ 2 bBHv ;2M2` i2 +QM};m  
' iBQM }H2b

.2HBp2' #H2 R , uQm T'Q# #Hv MQi Bx+@miB H2M r2 //2/  
? p2 iQ '2#mBH/ i?2 r?QH2 BK ;2 r?B+? iQQF bQK2 iBK2X q?  
r2 /Q iQ KBiB; i2 i? i\ h F2 HQQF i i?2 .Q+F2' /Q+mK2Mi iB  
BK ;2 H Xv 2h2HH mb #Qmi i?2 T'Qb M/ +QMbiQ K2';2 b Km+  
TQbbB#H2 Q7 i?2 +QKK M/X AM Qi?2' rQ'/b- +QKT '2,

\_IL +QKK M/ R

\_IL +QKK M/ k

\_IL +QKK M/ j

p bX

\_IL +QKK M/ R +QKK M/ k +QKK M/ j

h?2'2 '2 HbQ bQK2 'iB+H2b #Qmi i2+?MB[m2b iQ '2/m+2  
bBx2X h'v iQ }M/i?2KX h?2v b?mi h?BM/H; i#2QBM;  
BK ;2bX

1 +? +QKK M/ r2 bF2+QiM2 BM+2'2i'Q /Q Bb MQi?2' H v2' +'2  
h?2'27Q'2- Bi+'2 i2b ?2 pB2' BK ;2X \*QK#BMBM; KmHiBTH;  
BK ;2 iQ 'mM i?2K bBKmHi M2QmbHv M/i?2'27Q'2 '2/m+2 i?

/Q+7b[m h?H Qrb iQ '2/m+2 i?2 bBx2 Q7 i?2 BK ;2 miQK iB+ H  
+ b2b '2 p2Xh#Bb bQHmiBQM Bb MQi QT iBK H b bQK2 +QK  
Bbbm2b? p2 #22M MQi2/X

Ai Bb HbQ TQbbB#H2+iQMiiBM2' „Q+F2'

O 6H ii2M .Q+F2` +QM i BM2`

O aQ Bi Bb QMHv TQbbB#H2MiQ .Q+F2` +QM i BM2` -  
O MQi M BK ;2X aQ r2 M22/ iQ bi`i +QM i BM2` 7`QK M  
O BK ;2 7B`biX h?2M r2 + M 2tTQ`i M/ BKTQ`i i?2 +QM i BM  
O BM QM2 HBM2 ,

/Q+F2tTQIiPLh AL1\_ A.= % \$  
/Q+F2' B Tbb'K 7M K2 , H i2bi

a Q m ' + 2

.2HBp2' #H2 k , S'QTQb2 /Bz2'2Mi TT'Q +? iQ ' +?Bi2+im'  
;2biQ #2 #H2 iQ '2mb2 b Km+? b TQbbB#H2 r? i r2 ? p2 /Q  
T'QTQbBiBQM b?QmH/ HbQ i'v iQ pQB/ b Km+? b TQbbB#H  
#2ir22M vQm' BK ;2bX

AM Q' /2' iQ '2mb2 i?2 KQbi i?BM;b TQbbB#H2 BM Qm' ' +?Bi2  
+'2 i2 MQi?2' BK ;2 rBi? HH i?2 +QKK M/b i? iM2p2' +? M;  
T'Q+2bb Q7 #mBH/BM; i?2 +QM i BM2'bX h?2'27Q'2- r2 #mBH  
? p2 iQ #mBH/ Bi ; BMX uQm + M K KQ iB M?BK B2 i?2 BK ;2 7'Q

AM Q' /2' iQ /Q bQ- r2 +QmQK/Km M2 iB M; B12P BK ;2b

.2HBp2' #H2 j , S'QK Bf?2T i Q2vX H2; ;2M2' i2? BM i?2  
+QM i BM2' 7i2' 2 +? bi2TX SH + H Q?BQCHM 2T mHiBf M iQ i?2  
vQm H'2 /v /B/ 7Q' i?2 .Q+F2' HQ;b BM i?2 T'2pBQmb i bFbX  
'2 2tT2+i2/X

\*?2 hFb FX h?2 }H2 B bT+QHvXBM7; HH i?2 QmiTmib '2 BM i?2 b K2  
}H2X

AM //BiBQM- T'QpB/2 HQ; }H2 +QMi/Q+V2`MT;bi?2 QmiTmi Q7  
+QMbQH2 M/ MQi?2' }H2 UT/Q+F2`MBMBM2+QvnrBi?  
}H2b '2 2tT2+i2/X

\*?2 +hF b FX 9h?2 }H2b /Q+F2HnT-BXMBQ2+in-BXMBQ2;+inbRXHQ;  
MBMBt2+inbkXHQ;

.2HBp2' #H2 9 , " b2/ QM i?2 i?'22 QmiTmi }H2b vQm ? p2 +  
r? i + M vQm b v #Qmii?2 r v r2 ;2M2' i2 Bi\ q? iBbi?2 T'Q  
B7 Mv\

AM i?2 /Q+F2`QBM bM2+ivQm + M T b777bQ'KB M :KQ i2'  
r?B+? Bb mb27mHiQ i'BK i?2 QmiTmiXQm?i2 m i +Bi? i r2 ;2i Ca  
HQMBM2Hm2b Bb p2'v p2'#Qb2X Ai + M #2- i iBK2- p2'v ?2  
i?2'27Q'2- T BM7mHiQ '2 /X

M 2t KTH 2777Q i'K2i' K2i2' Bb ,  
/Q+F2' B777Q2K ii4 ^ & &DbQM X \* QM } ;X' A iOBAL anhb 27 m rHAI.Q  
;2i bm#b2+iBQMBMXCaPL

h bF 8 , :2M2` i2 M2r HQ / # H M+2` +QM};m` iBQM r?2M  
K2K#2`b?BT +? M;2b

S'QpB/2 i?2 HbHQ+ Hf2i+f? T`Qtfv? ;2`Q2X+2/ BM i?2  
? +QMi BM2' 7i2' 2 +? bi2TX h?'22 }H2b '2 2tT2+i2/X

\*?2 +hF b FX 8h?2 }H2b ? 2T`QTH 27/2`nbRXQ7;n 7i2`nbkX+7;  
? T`Qtn#27Q`2nMQ/2bX+7;

AM //BiBQM- T'QpB/2 HQ; }H2 +QMi/Q+V2`MT;bi?2 QmiTmi Q7  
+QMbQH2 M/ MQi?2' }H2 UT/Q+F2`MBMBM2+QvnrBi?  
}H2b '2 2tT2+i2/X

\*?2 +hF b FX 8 h?2 }H2b /Q+F2HnT2/QH Q2`nBMbT2+in? XHQ;  
/Q+F2`nBMbT2+M/QRFXQ;BMbT2+inbkXHQ;

S'QpB/2 i?2 HBbi Q7 iMQ/27bQ K2i? BM B+/QM P BM2'X  
PM2 }H2 2tT2+i2/ rBi? i?2 +QKK M/ QmiTmiX

\*?2 +hF b FX 8h?2 }H2 BMQ#2bXHQ/;

S'QpB/2 i?2 +QM};m' iBQM }H2 7i2' vQm biQTT2/ QM2 +QM  
i?2 HBbi Q7 MQ/2b TfMQ/27bQ iHB/M 'iX PM2 }H2 2tT2+i2/ rBi?  
i?2 +QKK M/ QmiTmiX hrQ }H2b '2 2tT2+i2/X

\*?2 +hF b FX 8 h?2 }H2b '2 T`QHh 27/2`nbknb?miMQrMX+7;  
MQ/2bn 7i2`nbknb?Xni/QrMXHQ;



AM //BiBQM- T'QpB/2 HQ; }H2 +QM i/QB+V B`MT;bi?2 Q miTmi Q7  
+ QMbQH2X PM2 }H2 2tT2+i2/X  
\*?2 hF b FX h?2 }H2 BQ+F2HmT2/h 72`nbknbXmi/QrMXHQ;  
UPTiBQM H,V S'QTQb2 /Bz2'2Mi TT'Q +? iQ K M ;2 i?2 HBB  
2M/ MQ/2bX uQm /Q MQi M22/ iQ BKTH2K2Mi BiX uQm + M  
vQm' QrM iQQHb Q' i?2 QM2b vQm /Bb+Qp2'2/ QMHBM2X AM  
MQi 7Q';2i iQ +Bi2 vQm' '272'2M+2bX  
h bF e, J F2 i?2 HQ / # H M+2` miQK iB+ HHv `2HQ / i?2  
M2r +QM};m` iBQM  
h F2 b+'22Mb?Qib Q7 i?2 > S'Qtv bi i T ;2 b?QrBM; KQ'2 i  
r2# TTHB+ iBQM b 'mMMBM;X //BiBQM H b+'22Mb?Qib '2 r  
b2[m2M+2 Q7 2tT2'BK2Mi iBQM HBF2 b?miiBM; /QrM MQ/  
KQ'2 MQ/2bX  
uQm + M // Mv MmK#2' Q7 MQ/2b rBi? i?2 +QKK M / ,  
/Q+F27/m7M2irQ'F77MBK2 biOMQ/2= IBK ;2L K2=

HAProxy

Statistics Report for pid 259

> General process information

pid = 259 (process #1, nbproc = 1)  
uptime = 0d 0h00m33s  
system limits: memmax = unlimited; ulimit-n = 4045  
maxsock = 4045; maxconn = 2000; maxpipes = 0  
current conns = 1; current pipes = 0/0; conn rate = 1/sec  
Running tasks: 1/9; idle = 100 %

active UP  
active UP, going down  
active DOWN, going up  
active or backup DOWN  
active or backup DOWN for maintenance (MAINT)  
active or backup SOFT STOPPED for maintenance  
Note: "NO LB"/"DRAIN" = UP with load-balancing disabled.

backup UP  
backup UP, going down  
backup DOWN, going up  
not checked  
active or backup DOWN for maintenance (MAINT)  
active or backup SOFT STOPPED for maintenance

Display option:  
Scope :  
• Hide "DOWN" servers  
• Refresh now  
• CSV export

External resources:  
• Primary site  
• Updates (v1.5)  
• Online manual

state

Queue	Session rate			Sessions				Bytes		Denied	Errors		Warnings		Status	Server												
	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	Last		In	Out	Req	Resp		Req	Conn	Resp	Retr	Redis	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme	Thrtle
Frontend		1	1	-	1	1	2 000	2			909	38 996	0	0	0					OPEN								
Backend	0	0	0	0	0	0	200	0	0	0s	909	38 996	0	0	0	0	0	0	0	33s UP		0	0	0	0			

localnodes

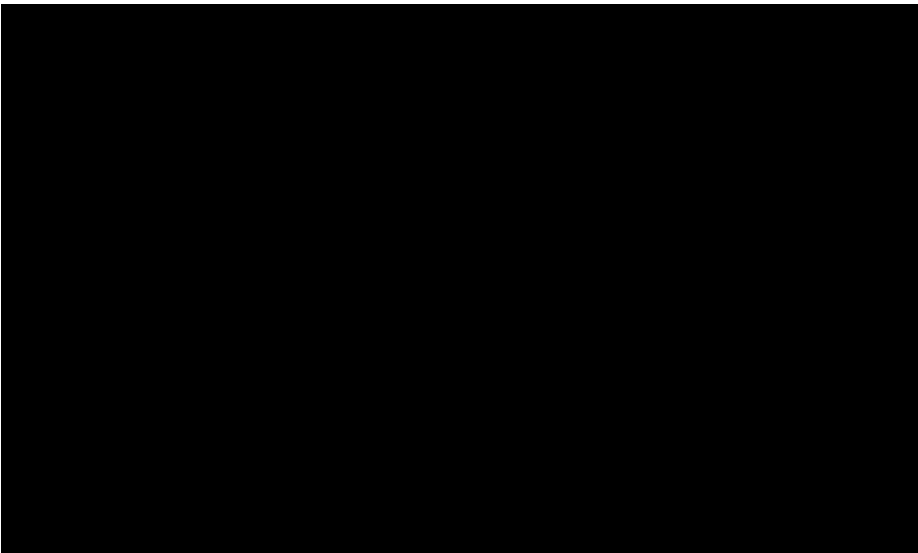
Queue	Session rate			Sessions				Bytes		Denied	Errors		Warnings		Status	Server												
	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	Last		In	Out	Req	Resp		Req	Conn	Resp	Retr	Redis	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme	Thrtle
Frontend		0	0	-	0	0	2 000	0			0	0	0	0	0					OPEN								

nodes

Queue	Session rate			Sessions				Bytes		Denied	Errors		Warnings		Status	Server											
	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	Last		In	Out	Req	Resp		Req	Conn	Resp	Retr	Redis	LastChk	Wght	Act	Bck	Chk	Dwn	Dwntme
193856dbb1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33s UP	170K/200	1	Y		0	0	
2745e726e0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33s UP	70K/250	1	Y		0	0	
6016a272f0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33s UP	70K/250	1	Y		0	0	
8e9e8272f0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33s UP	70K/250	1	Y		0	0	
Backend	0	0	0	0	0	0	200	0	0	0s	0	0	0	0	0	0	0	0	0	33s UP		0	0	0	0		

7i2' //BM; irQ MQ/2b ,

N



q 2 i ? 2 M ' 2 K Q p 2 9 W , M Q / 2 U

### HAProxy

#### Statistics Report for pid 421

General process information

pid = 421 (process #1, nbproc = 1)  
uptime = 00 0h00m26s  
system limits: memmax = unlimited; ulimit-n = 4046  
maxsock = 4046; maxconn = 2000; maxpipes = 0  
current conns = 1; current pipes = 0/0; conn rate = 1/sec  
Running tasks: 1/10; idle = 100 %

active UP  
active UP, going down  
active DOWN, going up  
active or backup DOWN  
active or backup DOWN for maintenance (MAINT)  
active or backup SOFT STOPPED for maintenance

backup UP  
backup UP, going down  
backup DOWN, going up  
not checked  
active or backup DOWN for maintenance (MAINT)  
active or backup SOFT STOPPED for maintenance

Display option:  
Scope :  

Hide DOWN servers  
Refresh now  
CSV export

External resources:  

Primary site  
Updates (v1.5)  
Online manual

stats

	Queue			Session rate			Sessions			Bytes			Denied	Errors			Warnings			Status			Server							
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Total	LbTot	Last	In	Out	Req	Resp	Req	Conn	Resp	Retr	Redis	Status	LastChk	Wght	Act	Bck	Chk	Dwn	Downtime	Thrtle
Frontend	1	1	-	1	1	1	2 000	1		0	0	0	0	0	0	0						OPEN								
Backend	0	0		0	0		0	0	200	0	0	0	0	0	0	0						0/26s UP		0	0	0	0	0		

total

Queue

Session rate

Sessions

Bytes

Denied

Errors

Warnings

Status

Server

Frontend

Queue

Session rate

Sessions

Bytes

Denied

Errors

Warnings

Status

Server

Backend

Queue

Session rate

Sessions

Bytes

Denied

Errors

Warnings

Status

Server

H b Q T ' O p B / 2 i ? 2 / Q m F 2 m B M 7 H Q ; } H 2 X i H 2 b i Q M 2 } H 2 B b  
2 t T 2 + i 2 / X u Q m + M T ' O p B / 2 Q M 2 Q m i T m i T 2 ' b i 2 T Q 7 v Q m ' 2  
i i B Q M + + Q ' / B M ; i Q v Q m ' b + ' 2 2 M b ? Q i b X  
\* ? 2 + F b F X e h ? 2 } H 2 B Q + F 2 H i n T X / H Q ;

R y

:Bp2 vQm' QrM 722HBM;b #Qmi i?2 }M H bQHmiBQMX S'QT  
K2Mib Q' r vb iQ /Q i?2 i?BM;b /Bz2'2MiHvX A7 Mv- T'QpB/2  
iQ vQm' '2 /BM;b 7Q' i?2 BKT'Qp2K2MibX

h?2 }M H bQHmiBQM b22Kb iQ #2 '2 +iBp2 M/ //BM; Q' /2H2  
2 bvX PM2 Bbbm2 r2 + M }M/ QM i?2 +m''2Mi bQHmiBQM Bb i  
iQ //BM; Q' '2KQpBM; # +F2M/ MQ/2 /vM KB+ HHvX q2 i?2  
i?2 b K2 7Q' i?2+QMSi' BtW2'X q2 b?QmH/ K v#2 /Q i?2 b K2 7Q  
+QMi BM2'X

UPTiBQM H,V S'2b2Mi HBp2 /2KQ r?2'2 vQm // M/ '2KQp2  
+QMi BM2'X

A7 vQm M22/ Mv KQ'2 BM7Q- Q' HBp2 /2KQMbi' iBQM - TH2  
mb M/ r2 rBHH #2 TH2 b2/ iQ /Q bQX

### \*QM+HmbBQM

AM +QM+HmbBQM- r2 +?B2p2/ 2p2'vi?BM; r2 r Mi2/ iQ BM i  
T'Qtv BM /vM KB+ r v M/ i? ir? ir2 # bB+ HHv r Mi2/ iQ  
q2 HbQ +'2 i2/ i?2 /Q+F2' BK ;2b r2 M22/2/ iQ M/ K bi2'2  
r2 r Mi2/ iQX

q2 2M+QmMi2'2/ bQK2 /B{+mHiB2b #2+ mb2 Q7 i?2 H # i? i r  
TQB Mi #mir2 + K2 i?'Qm;? M/ HH r2Mi }M2X