

# Ã°Ã,Ã Å¶Ã•œ Å²€Ã¬,Ã¬

Ã°Ã,Ã Å¶Ã•œ Å²€Ã¬,Ã¬ (Tiki Permission Check, TPC): Ã°Ã,Ã Å¬,Ã Å¬¹~Ã°Ã€ Å¬<Ã¶Ã¶Ã°Ã•Ã Å²Ã½Ã¬Š°  
Ã¬•Ã«Ã³Ã'Ã¬~Ã¬Ã¶"Ã°Ã€ Å¬†Ã¶Ã¬ŠÃ¶.  
2012 Ã«...,, 10Ã¬>" Ã¬Ã'Ã>,,, (Ã«Ã³Ã, Ãž~Ã¬Ã'Ã¬Ã¶€Ã¬—Ã¬Ã²Ã"Ã«Ã¶Ã«œ) Ã«...Ã«Ã|Ã½Ã~Ã¬œÃ¼Ã«Ã;œ Ã¬Ã;Ã'Ã¬žÃ¬Ã-  
•~Ã«Ã©Ã°, Ã«~Ã•œ [Tiki10](#) Ã¬—Ã°Ã,Ã°Ã«ŠÃ¶Ã¬œÃ¼Ã«Ã;œÃ¬,,œ Ã¬Ã¬•Ã"Ã«Ã".

## 1. Ã°Ã°œÃ¬š"

Ã°Ã,Ã Å¶Ã•œÃ¶ Å²€Ã¬,Ã¬Ã«ž€ Ã«Ã¬Ã'Ã¬—†Ã¬Ã,Ã°Ã°€?

Ã«Ã¶Ã¶Ã¬•Ã½ Ã,,Ã°Ã,Ã Å¬,Ã Å¬¹~Ã°Ã'€Ã«Ã|Ã¬Ã¬žÃ¬™€ tiki-check.php Ã°Ã°€ Å¬<Ã¶Ã¶Ã°Ã•ÃœÃ«Ã«Ã«Ã©Ã', Ã°Ã°Ã,Ã Å¬  
Ã°Ã¶Ã¶Ã•œ Å²€Ã¬,Ã¬Ã«Ã¶Ã¼ Ã¬,Ã¬Ã¬šÃ©Ã•Ã¬—Ã¬ Ã¬>Ã¹Ã¬,,œÃ«Ã²,,Ã°Ã°€ Å¬š"Ã°Ã¶Ã¬Ã«Ã;œ Ã•Ã«Š" Ã-  
Ã¶Ã¬Ã¼Ã¬<œÃ¬ŠÃ¶Ã...œ Ã°Ã¶Ã¶Ã•œÃ¬—Ã°Ã'€Ã•œ Ã¬Ã¶"Ã°Ã°€ Å¬fÃ¬,,Ã,Ã«Ã'Ã¬—Ã¬,, Ã«Ã°œÃ²Ã¬Ã~Ã¬—Ã¬  
Ã¬Ã œÃ«Ã«Ã«Ã;œ Ã¬ž'Ã«™Ã•~Ã«,,Ã«Ã; Ã¬,,Ã¶Ã¬Ã•Ã«~Ã«,,Ã«Ã; Ã¬,Ã¬Ã¬šÃ©Ã«Ã Ã¬~Ã¬ž'Ã¬ŠÃ¶Ã«^Ã«Ã¶. Ã°Ã°Ã,Ã Å¬  
Ã°Ã¶Ã¶Ã•œ Å²€Ã¬,Ã¬Ã¬—Ã«Ã«Ã•œ Ã°Ã¶Ã¶Ã•œÃ¬€ Ã¬~Ã«™Ã¬Ã Ã¬œÃ¼Ã«Ã;œ Å²Ã³Ã¬Ã•Ã«Ã Ã¬~Ã¬ž'Ã°Ã±Ã°Ã«,  
(FPT Ã¬¹Ã¬€ SSH Ã«Ã¶Ã¼ Ã¬Ã¶Ã•~Ã°Ã±Ã°Ã«, ~Ã«Ã«Ã«Ã«Ã¶Ã, Ã¬%~Ã¬Ã'Ã°Ã¼Ã«Ã°Ã©Ã¬Ã¬,, Ã¬Ã¶Ã•~Ã¬—Ã¬ Ã¬ž'Ã¬€  
Ã°Ã°Ã¬~Ã¬~Ã¬Ã¶Ã¬Ã¼ Ã¬Ã,,Ã¬†Ã; Ã•,,Ã¬š") Ã¬¹Ã¬€ Ã¬Ã¬•Ã"Ã«œ Ã¬ŠÃ¶Ã¬Ã«Ã|Ã½ÃšÃ,Ã«Ã¶Ã¼ Ã¬Ã¶Ã•Ã¬~  
Ã¬ž'Ã¬ŠÃ¶Ã«^Ã«Ã¶. Ã°Ã°Ã,Ã Å¬ Å¶Ã¶Ã•œ Å²€Ã¬,Ã¬Ã«Š" Ã°Ã°Ã,Ã Å¬Ã«Ã¶Ã¼ Ã¬>Ã¹Ã¬,,œÃ«Ã²,, Ã¬fÃ¬—Ã¬,,œ Å¬<Ã¶Ã¬-%Ã-  
ž'Ã°Ã,Ã° Ã¬œ,,Ã•~Ã¬—Ã¬ Ã¬Ã'Ã«Ã¬Ã¶Ã¶Ã¬Ã¼ Ã¬<œÃ¬ŠÃ¶Ã...œ Ã°Ã¶Ã¶Ã•œÃ¬Ã'Ã•,,Ã¬š"Ã•œÃ¬Ã¶€Ã«Ã¶Ã¼  
Ã¬•œÃ¬•,,Ã«Ã'Ã°Ã,Ã° Ã¬œ,,Ã•~Ã¬—Ã¬ Ã¬,Ã¬Ã¬šÃ©Ã«Ã Ã¬~Ã¬ž'Ã¬ŠÃ¶Ã«^Ã«Ã¶. Ã¬Ã'Ã°Ã¶Ã¶Ã•œ Å¬,Ã¶Ã¬Ã•Ã¬€  
Ã«...ÃšÃ¹Ã•Ã Ã•,,Ã¬š"Ã°Ã°€ Å¬—†Ã¬ŠÃ¶Ã«^Ã«Ã¶, Å²Ã•Ã,Ã«Ã†Ã°Ã,Ã° Ã«•œÃ«Ã¬Ã,Ã¬—Ã°Ã€Ã•~Ã«Š" Å²Ã•€Ã•~Ã²œÃ¬,,œ  
Ã¬>Ã•~Ã¬<œÃ°Ã±Ã°Ã«, ~Ã•,,Ã¬š"Ã¬—Ã¬Ã¬•,,Ã¬€ Ã«Ã³Ã'Ã¬•^Ã«"Ã±Ã°Ã, %Ã¬—Ã¬~Ã¬Ã;Ã'Ã•~Ã¬—Ã¬ Ã¬Ã œÃ•œÃ¬,, Ã«"  
Ã«'Ã°Ã±Ã°Ã«, ~Ã«œ Ã«'Ã«,,Ã«Ã; Ã¬,,Ã fÃ•Ã'Ã ¬~Ã¬ž'Ã¬ŠÃ¶Ã«^Ã«Ã¶.

Ã°Ã°Ã,Ã Å¶Ã¶Ã•œ Å²€Ã¬,Ã¬Ã«Š" Ã°Ã°Ã,Ã Å¬ Ã¬žÃ¬<Ã¬œÃ¼Ã«Ã;œÃ«Ã¶€Ã,,Ã° Ã«...Ã«Ã|Ã½Ã¬Ã¬Ã, Ã¶Ã¶Ã¬Ã¼  
Ã°Ã¶Ã¶Ã•œ Ã«Ã¬Ã,Ã¬Ã œÃ«"Ã¶Ã¬,, Ã¬•œÃ¬•,,Ã«Ã'Ã«Š"Ã«Ã° Ã¬,Ã¬Ã¬šÃ©Ã«Ã Ã¬~Ã¬ž'Ã¬ŠÃ¶Ã«^Ã«Ã¶. Ã¬Ã'Ã«ŸÃ¬Ã-  
•œ Å²Ã½Ã¬š°, Ã¶Ã¶Ã¬Ã¼ Ã°Ã¶Ã¶Ã•œÃ¬€ Ã¬~Ã«™Ã¬Ã Ã¬œÃ¼Ã«Ã;œ Ã¬Ã;Ã°Ã¬Ã ^Ã«~Ã°Ã±Ã°Ã«, ~Ã«Ã«Ã«Ã«Ã¶Ã, Ã-

„Ä«Ä;œÄ¬Ä ÄŠÄ, Ä¬— Ä¬Ä Ä¬Ä ^Ä•œ Ä¬-Ä'Ä«-Ä Ä•œ Ä«Ä°Ä©Ä¬Ä¬, Ä†ÄµÄ•~Ä¬—Ä¬ Ä¬Ä;Ä°Ä¬Ä ^Ä«~Ä¬-Ä'Ä¬•Ä¼Ä«Ä§œ Ä•Ä©Ä«Ä^Ä«ÄÄÄ.

Ä¬Ä°Ä,ÄÄÄ«ÄÄ¼ Ä¬,„ÄÄÄ¬Ä¹Ä•~Ä«S”Ä«Ä° Ä¬Ä •Ä«Ä³Ä'Ä«ÄÄ¼ Ä¬,Ä¬Ä¬šÄ©Ä•~ÄÄÄ,Ä°Ä¬— ÄÄ°œÄ¬žÄÄ ÄžÄ,Ä«Ä;Ä¬Ä•œ Ä«Ä°Ä©Ä¬Ä¬€ setup.sh Ä¬^~Ä¬Ä •Ä¬, Ä†ÄµÄ•~Ä«S” ÄÄ²fÄ¬ž...Ä«Ä^Ä«ÄÄÄ. (ÄÄ³Ä§ Ä¬Ä¶œÄ¬œ Ä¬~^Ä¬Ä •)

Ä¬,Ä¬Ä¬Ä , Ä¬Ä •Ä¬~Ä«œ ÄÄ¶Ä¶œÄ•œ Ä«ÄÄÄ Ä¬Ä,

Ä«ÄÄÄÄ¬-Ä•œ Ä¬,Ä¹Ä¬,œÄÄ², Ä¬,„ÄÄÄ¬Ä • Ä«Ä° Ä¬,Ä¬Ä«Ä;œÄ«Ä;œ Ä¬Ä,Ä•~Ä¬—Ä¬, TPCÄ«S” Ä«ÄÄÄÄ¬-Ä•œ Ä¬,Ä¬Ä¬Ä , Ä¬Ä •Ä¬~Ä«œ Ä«ÄÄÄ Ä«Ä,Ä«ÄÄÄ, Ä¬Ä œÄÄ³ÄµÄ•~Ä¬—Ä¬ Ä¬,„ÄÄÄ¬Ä¹Ä~ÄÄ°œ ÄÄÄÄ,Ä«ÄÄÄÄ¼ Ä¬ž'Ä«™ Ä•Ä Ä¬Ä§œ Ä¬—Ä¬Ä«Ä¶Ä¼ Ä™ •Ä¬Ä,Ä•~Ä«,Ä«Ä; Ä•Ä©Ä«Ä^Ä«ÄÄÄ. Ä¬~Ä¬Ä¬Ä°”Ä«ÄÄÄ, Ä«ÄÄÄÄÄ (Ä«ÄÄÄ)Ä¬Ä' Ä¬•œÄÄ ÄÄÄÄÄ§œÄÄ²œÄ~Ä«Ä©Ä', Ä¬Ä Ä¬Ä ^Ä•œ Ä«ÄÄ...Ä«Ä Ä¹Ä¬-Ä'Ä¬™€ Ä•ÄÄÄÄ~ Ä¬,„ÄÄÄ¬Ä¹Ä~Ä¬šÄ¼Ä«Ä;Ä¬Ä-šÄ,Ä«ÄÄ¼ Ä¬ÄÄÄ-‰Ä•~Ä«S”Ä«Ä° Ä¬,Ä¬Ä¬šÄ©ÄÄ Ä¬^~ Ä¬ž^Ä¬šÄµÄ«Ä^Ä«ÄÄÄ. Ä«,Ä'Ä¬žÄÄ ÄÄ¶Ä¶œÄ•œ Ä«ÄÄÄÄÄÄ, (2012-11-11 Ä«Ä¶œÄ,Ä° ÄšÄÄÄÄÄÄÄÄ¬ž^Ä¬œ)

- insane
- mixed
- morepain
- moreoworry
- pain
- paranoia
- paranoia-suphp
- risky
- sbox
- worry

Ä¬‰~ Ä¬Ä 'ÄÄÄÄ¼ Ä¬—†Ä«ÄÄÄÄ©Ä', ÄÄ¶Ä¶œÄ•œÄ¬€ FTP Ä¬Ä¹Ä¬€ Ä«ÄÄÄÄÄÄÄ, Ä«Ä°Ä©Ä¬Ä¬— Ä¬~Ä•~Ä¬—Ä¬



TM œÃ¬,,Â±Ã™ " Ã«Â° Ã«Â¹,,Ã™ œÃ¬,,Â±Ã™ " Ã-  
• ~ÃªÂ,Â°

Ã¬Âœ'Ã¬š"Ã•œ Ã«Â¬Â,Ã¬Â œÃ«Š" Ã«Â°Ã,Âœ ÃªÂ¶œÃ•œ ÃªÂ²œÃ¬,Â¬Ã«Â¶Â¼ Ã™ œÃ¬,,Â±Ã• ~ Ã«Â° Ã«Â¹,,Ã™ œÃ¬,,Â±Ã™ " Ã-  
• ~Ã«Š" ÃªÂ²fÃ¬ž...Ã«Â¹Ã«Â². Ã•,,Ã¬š"Ã•œ Ã¬Â •Ã«Â³Â'Ã«Â¶Â¼ Ã¬Â'Â'Ã«Â¹Ã«Â²œÃ¬,Â¬Ã«Â¹,Ã™ œÃ¬,,Â±Ã™ "Ã• ~Ã«Š"  
ÃªÂ²fÃ¬,, ÃªÂ°•Ã«Â¹Â¶Ã¬Â¶"Ã¬Â²œÃ•Â©Ã«Â¹Ã«Â², Ã¬Â'Ã«Š" Ã«Â²±Ã«Â²± Ã•Ã¬œ,,Ã«"Ã«Â¹%Ãª,Â°Ã«Â¹|Ã¬Â«"Ã«Â¹'Ã-  
...œÃ¬šÂœÃª, Ã«Â²Â©Ã¬Â Ã¬œÃ¼Ã«Â¹;œ Ã¬Â,,Ã¬—Â Ã¬"Â°Ãª,Â° ÃªÂ°œÃ«ŠÂ¶Ã• ~Ãª²œÃ¬,ÂœÃ¬Â •Ã« ~Ã«Â©Â° Ã-  
œœÃ¬Â¼Ã«"Ã«Ã¬ ~ Ã¬†œÃ¬œÂ ÃªÂ¶œ ( user/group) Ã¬Â' Ã«œÃ¬Âœ'Ã¬—Ãª²œÃ«...Â,Ã¬Â¶œÃ« ~Ãª,Â°  
Ã«•œÃ«Â¬Â,Ã¬ž...Ã«Â¹Ã«Â² (Ã• ~Ã¬Â¶œÃ«Â¶œ, Ã¬>Â¹Ã¬,,œÃ«Â²,,Ã¬ ~ Ã¬,,ÂœÃ¬Â •Ã¬—Ã«"Â°Ã«Â¹, ÃªÂ°œÃ«ŠÂ¶Ã-  
• ~Ã«Â¹Ã«Â¹' htaccess Ã«Â³Â'Ã¬,Ã«Â¶Â¼ Ã¬,Â¬Ã¬šÂ©Ã•Â Ã¬^~Ã«,, Ã¬ž^Ã¬œÃ¼Ã¬Âœ Ãª²fÃ¬ž...Ã«Â¹Ã«Â².

## 2.1. Ã«Â°Ã,Âœ ÃªÂ¶œÃ•œ ÃªÂ²œœÃ¬,Â¬Ã«Â¶Â¼ Ã¬%~Ã¬—Ã¬,,œÃ¬Â'Ã¬šÂ©

sh (Ã¬Â¹Ã¬œ bash, dash) Ã¬™œ ÃªÂ°™Ã¬œÃ¬%~Ã¬,, Ã¬,Â¬Ã¬šÂ©Ã• ~Ã¬—Â¬ Ã«Â°Ã,Âœ Ã«Â¬Â,Ã¬,,œÃ«Â¶Â"Ãª,Ã¬—  
Ã¬ž^Ã«Š" `prepare_permissioncheck.sh` Ã¬šÂœÃ¬—Ã«Â¹Â½Ãª,Ã«Â¶Â¼ Ã¬ÂœÃ¬%Ã• ~Ã¬—Ã¬œÃ¬Âœ.

### 2.1.1. Ã¬šÂœÃ¬—Ã«Â¹Â½Ãª, ÃªÂ¶œœÃ•œ Ã¬,,ÂœÃ¬Â

Ã«Â°Ã,ÂœÃ¬ ~ Ã«Â¬Â,Ã¬,,œÃ«Â¶Â"Ãª,Ã¬—Ã¬ž^Ã¬œ:  
`chmod 600 prepare_permissioncheck.sh`

### 2.1.2. HTACCESS ÃªÂ¶œœÃ•œ Ã¬,,ÂœÃ¬Â

Ã«Â°Ã,ÂœÃ¬ ~ Ã«Â¬Â,Ã¬,,œÃ«Â¶Â"Ãª,Ã¬—Ã¬ž^Ã¬œ:  
`chmod 644 permissioncheck/.htaccess`

Ã«Â¶œœÃ¬•Â½ **.htaccess** Ã¬Â'Ã¬Â|Ã¬ž^Ã¬• ~Ã¬—Â¶œÃ«Â¶œÃ¬>Â¹Ã¬,,œÃ«Â²,,Ã¬—Ã¬,,œÃ¬Â¼Ã¬,, Ã¬^~  
Ã¬—†Ã«Â¹Ã«Â²Â©Â', Ã«Â¬Â,Ã¬Â œÃªÂ°œÃ«Â°œÃ¬fÃ•Â Ã¬^~Ã«,, Ã¬ž^Ã¬šÂœµÃ«Â¹Ã«Â².

Ã¬Â'Ã«Š" Ã«Â°Ã,Âœ ÃªÂ¶œœÃ•œ œÃª²œœÃ¬,Â¬ÃªÂ°œÃ¬%~Ã¬šÂœÃ¬—Ã«Â¹Â½Ãª,Ã¬—Ã¬~Ã• ~Ã¬—Â¬ Ã™ œÃ¬,,Â±Ã™ " Ã-

~A^1A-€ A«A^1,,A™ œA-,,A±A™ " A«A A«•CEA«A\$^A«A A-Â\$,A-%A«A©A«<sup>^</sup>A«A. A«A·A, A«YA-A«A-€A«A;œ  
A«CEA«A¶A«A¶,,A-~ A«A^2A^1/2A-šA°, A-^~A«™ A-œA^1/4A«A;œ A-Â\$,A-%A·A A·,,A-š"A«A°€ A-†A-šAµA«<sup>^</sup>A«A.

### 2.1.3. A-%~A-, A†AM A· A-—A- A™ CE A-, A±A™ "

A«A°A,A A A-~ A«A-A, A-,œ A«A fA" AšA, A-— A-ž^A-CE:  
`sh prepare_permissioncheck.sh enable`

### 2.1.4. A-%~A-, A†AM A· A-—A- A«A^1,,A™ CE A-, A±A™ "

A«A°A,A A A-~ A«A-A, A-,œ A«A fA" AšA, A-— A-ž^A-CE:  
`sh prepare_permissioncheck.sh disable`

## 2.2. A«A°A,A A A«A¶CE A·CE A«A^2€A-, A-A«A¥A^1/4 FTP A«A¥A^1/4 A†AM A- • A-—A- A-, A-A-šA©

A-%~ A-A 'A«A·A^1/4A-A' A-†A-A' A«A¶CE A·œA-, A-,A A A-A·A·~ A«š" A«A^2fA-€ A-%A-A-šA' A«A^2fA-A'  
A-·,,A«<sup>™</sup> A«<sup>^</sup>A«A. A-Â\$€A-—A ACE A-A^1/4 A«A¶CE A·œA-, A-,A A A-A·A·~ A«A^3A A-—...A«A;œA«œA«A¥A^1/4 A-  
• A«A±A°A«, ~ FTP A«A¥A^1/4 A†AM A· A-—A- ACE A-A^1/4A-, A-,A A A-A·A·A A-~ A-ž^A-šAµA«<sup>^</sup>A«A (A«' A«A^2A^1/2A-šA°  
A«A«A" A«': **enable/disable**). A-A¶" A«A°€A«A;œ A«A°A,A A A«A¶CE A·œ A«A^2€A-, A-A«A¥A^1/4 A™ œA-, A±A™ " A-  
• A«A A A A«A©A' `permissioncheck/yes.bin` A«A¥A^1/4 `permissioncheck/permission_granted.bin` A«A;œ A«A^3AµA-, A-A-  
• A«A^3A A«A^1,,A™ œA-, A±A A·~ A«A A A A«A©A' `permissioncheck/no.bin` A«A¥A^1/4 `permissioncheck/permission_granted.bin`  
A«A;œ A«A^3AµA-, A-A·~ A-—A-A-·A^1/4 A·A©A«<sup>^</sup>A«A. (A«' A«A^2A^1/2A-šA° A«A«A" A«': A«A·A, A-, FTP A«A;œ A«A A A-CE A-,  
A-—...A«A;œA«œ A·A©A«<sup>^</sup>A«A `permissioncheck/permission_granted.bin`).

### 2.2.1. FTP CHMOD A«A¥A^1/4 A†AM A·CE A-A^1/4A«A°~ A-, A A A-A·

```
chmod 755 permissioncheck
chmod 644 permissioncheck/check.php
chmod 644 permissioncheck/functions.php.inc
chmod 600 permissioncheck/_htaccess
chmod 644 permissioncheck/.htaccess if it exists
```



```

chmod 770 permissioncheck/paranoia
chmod 600 permissioncheck/paranoia/check.php
chmod 701 permissioncheck/paranoia-suphp
chmod 600 permissioncheck/paranoia-suphp/check.php
chmod 775 permissioncheck/risky
chmod 664 permissioncheck/risky/check.php
chmod 701 permissioncheck/worry
chmod 604 permissioncheck/worry/check.php

```

### 2.2.3. FTP CHMOD

```

permissioncheck/no.bin
permissioncheck/permission_granted.bin
FTP
chmod 000 permissioncheck/create_new_htaccess.php
chmod 700 permissioncheck/insane
chmod 600 permissioncheck/insane/check.php
chmod 700 permissioncheck/mixed
chmod 600 permissioncheck/mixed/check.php
chmod 700 permissioncheck/morepain
chmod 600 permissioncheck/morepain/check.php
chmod 700 permissioncheck/moreworry
chmod 600 permissioncheck/moreworry/check.php
chmod 600 permissioncheck/new_htaccess
chmod 700 permissioncheck/pain
chmod 600 permissioncheck/pain/check.php
chmod 700 permissioncheck/paranoia
chmod 600 permissioncheck/paranoia/check.php
chmod 700 permissioncheck/paranoia-suphp
chmod 600 permissioncheck/paranoia-suphp/check.php
chmod 700 permissioncheck/risky
chmod 600 permissioncheck/risky/check.php
chmod 700 permissioncheck/worry
chmod 600 permissioncheck/worry/check.php

```







- open

5.3.  $\tilde{A} \neg, \hat{A} \neg \tilde{A} \neg \hat{A} \text{ „} \tilde{A} \neg \hat{A} \bullet \tilde{A} \neg \sim \tilde{A} \ll \text{€} \tilde{A} \ll \hat{A} \text{°} \hat{A} \text{“} \tilde{A} \ll \hat{A} \text{,} \tilde{A} \ll \text{“} \hat{A} \text{œ}$

- insane
- morepain
- moreworry
- pain
- paranoia
- paranoia-suphp
- risky
- sbox
- worry

5.4.  $\tilde{A} \ll \hat{A} \neg \hat{A} \text{,} \tilde{A} \neg \text{„} \hat{A} \text{,} \tilde{A} \neg \hat{A} \text{;} \hat{A} \text{°} \tilde{A} \neg \hat{A} \text{ } ^ \tilde{A} \text{°} \hat{A} \text{°} \text{€} \tilde{A} \ll \text{Š} \hat{A} \text{œ} \tilde{A} \bullet \text{€} \tilde{A} \text{°} \hat{A} \text{¶} \text{€} \tilde{A} \text{-}$   
 $\bullet \text{€} \tilde{A} \ll \hat{A} \text{¶} \text{€} \tilde{A} \ll \hat{A} \text{¶} \text{„} \tilde{A} \ll \text{“} \hat{A} \text{œ}$

5.4.1.  $\tilde{A} \neg \hat{A} \text{ „} \tilde{A} \neg \hat{A} \text{²} \hat{A} \text{´} \tilde{A} \text{<} \hat{A} \text{°} \tilde{A} \text{,} \hat{A} \text{œ} \tilde{A} \text{Š} \hat{A} \text{,} \tilde{A} \ll \hat{A} \text{!} \hat{A} \neg$

- gmr
- gmw
- gmx





# 7. $\tilde{a} \in \ll \hat{A} \hat{A}'' \tilde{A} \neg \hat{A} \gg \hat{A}'' \tilde{A} \dots \tilde{A} \neg \hat{A}, \hat{A}$

- <https://dev.tiki.org/Permission+Check>
- $\tilde{A} \neg, \in \tilde{A} \ll \hat{A}^2, \tilde{A} \hat{A}^2 \in \tilde{A} \neg, \hat{A} \neg$
- htaccess
- <https://dev.tiki.org/How+to+avoid+direct+access+of+a+file+µ>