Linux BASH - Comparison Operators

Integer Comparison Operators

Operator	Description	Example
-eq	Is Equal To	if [$1 -eq 200]
-ne	Is Not Equal To	if [$1 -ne 1]
-gt	Is Greater Than	if [$1 -gt 15]
-ge	Is Greater Than Or Equal To	if [$1 -ge 10]
-lt	Is Less Than	if [$1 -lt 5]
-le	Is Less Than Or Equal To	if [$1 -le 0]
==	Is Equal To	if (($1 == $2)) [Note: Used within double parentheses]
!=	Is Not Equal To	if (($1 != $2))
<	Is Less Than	if (($1 < $2))
<=	Is Less Than Or Equal To	if (($1 <= $2))
>	Is Greater Than	if (($1 > $2))
>=	Is Greater Than Or Equal To	if (($1 >= $2))

String Comparison Operators

Operator	Description	Example
= or ==	Is Equal To	if ["$1" == "$2"]
!=	Is Not Equal To	if ["$1" != "$2"]
>	Is Greater Than (ASCII comparison)	if ["$1" > "$2"]
>=	Is Greater Than Or Equal To	if ["$1" >= "$2"]
<	Is Less Than	if ["$1" < "$2"]
<=	Is Less Than Or Equal To	if ["$1" <= "$2"]
-n	Is Not Null	if [-n "$1"]
-z	Is Null (Zero Length String)	if [-z "$1"]