

Nagios Standard Macros

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Host Macros

<code>\$HOSTNAME\$</code>	Short name for the host (i.e. "biglinuxbox"). This value is taken from the <code>host_name</code> directive in the host !efinition .
<code>\$HOST#\$\$%&A ' NAME\$</code>	An alternate !is(la) name for the host. This value is taken from the <code>display_name</code> directive in the host !efinition .
<code>\$HOSTA&\$\$AS\$</code>	ong name* !es"ri(tion for the host. This value is taken from the <code>alias</code> directive in the host !efinition .
<code>\$HOSTA##+ESS\$</code>	A !ress of the host. This value is taken from the <code>address</code> directive in the host !efinition .
<code>\$HOSTSTATE\$</code>	A string in !i"ating the "urrent state of the host (" , %- " #O . N"- or " , N+EA / HA0&E").
<code>\$HOSTSTATE\$#\$</code>	A number that "orres(on !s to the "urrent state of the host! 23 , %- 43 #O . N- 53 , N+EA / HA0&E.
<code>\$&ASTHOSTSTATE\$</code>	A string in !i"ating the last state of the host (" , %- " #O . N"- or " , N+EA / HA0&E").
<code>\$&ASTHOSTSTATE\$#\$</code>	A number that "orres(on !s to the last state of the host! 23 , %- 43 #O . N- 53 , N+EA / HA0&E.
<code>\$HOSTSTATE ' %E\$</code>	A string in !i"ating the state t (e for the "urrent host "he" ("HA+#" or "SO6T"). Soft states o"tur 7hen host "he" s return a non8O9 (non8 , %) state an ! are in the (ro"ess of being retrie!. Har ! states result 7hen host "he" s have been "he" e ! a s(e"ifie ! maximum number of times.
<code>\$HOSTATTEM%T\$</code>	The number of the "urrent host "he" retr). 6or instan"e- if this is the se"on ! time that the host is being re"he" e !- this 7ill be the number t7o. / urrent attem(t number is reall) onl) useful 7hen 7riting host event han !lers for "soft" states that ta e a s(e"ifi" a"tion base ! on the host retr) number.
<code>\$MA : HOSTATTEM%TS\$</code>	The max "he" attem(ts as !efine ! for the "urrent host. , seful 7hen 7riting host event han !lers for "soft" states that ta e a s(e"ifi" a"tion base ! on the host retr) number.
<code>\$HOSTE ; ENT\$#\$</code>	A global) uni<ue number asso"iate ! 7ith the host-s "urrent state. Ever) time a host (or servi)e ex(erien"es a state "hange- a global event \$#\$

	number is in "remote" mode (4). If a host has extended no state changes- this macro will be set to zero (2).
<code>&ASTHOSTE ; ENT#\$</code>	The (previous (global) unique) event number that was given to the host.
<code>\$HOST%+OO&EM#\$</code>	A global unique number associated with the host's current (problem state). Every time a host (or service) transitions from an , or O9 state to a (problem state- a global (problem \$# number is in "remote" mode) one (4). This macro will be non-zero if the host is "current" a non , state. State transitions between non , states (e.g. #O . N to , N+EA / HA0&E) ! do not cause this (problem i! to increase. If the host is "current" in an , state- this macro will be set to zero (2). / combine! with event handlers- this macro "ou! be use! to automatically" (open trouble tickets) when hosts first enter a (problem state.
<code>&ASTHOST%+OO&EM#\$</code>	The (previous (global) unique) (problem number that was given to the host. / combine! with event handlers- this macro "ou! be use! for automatically" "losing trouble tickets" etc". When a host reverts to an , state.
<code>\$HOST&ATEN / '\$</code>	A (floating (oint) number indicating the number of seconds that a <i>scheduled</i> host "he" lags behind its "he!ule! "he" time. For instance- if a "he" was scheduled for 2?14@14A and it !i!n't get executed! until 2?14@14B- there would be a "he" (latency) of 5.2 seconds. On!eman! host "he" s have a latency) of >ero seconds.
<code>\$HOSTE : E / , T\$ONT\$ME\$</code>	A (floating (oint) number indicating the number of seconds that the host "he" took to execute (i.e. the amount of time the "he" was executing).
<code>\$HOST# , +AT\$ON\$</code>	A string indicating the amount of time that the host has spent in its "current state. Format is " : : h ' ' m CCs"- indicating hours- minutes and seconds.
<code>\$HOST# , +AT\$ONSE / \$</code>	A number indicating the number of seconds that the host has spent in its "current state.
<code>\$HOST#O . NT\$ME\$</code>	A number indicating the "current" !o7ntime !e(th) for the host. If this host is "current" in a (erie! of s"he!ule! !o7ntime - the value will be greater than zero. If the host is not "current" in a (erie! of !o7ntime- this value will be zero.
<code>\$HOST%E+ / ENT / HANDE\$</code>	A (floating (oint) number indicating the (er"ent state "change the host has undergone. %er"ent state "change is use! b) the fla(!ete"tion algorithm.
<code>\$HOSTD+O , %NAME\$</code>	The short name of the hostgroup (that this host belongs to. This value is taken from the <i>hostgroup_name</i> directive in the hostgroup(!efinition . If the host belongs to more than one hostgroup(this macro will "ontain the name of just one of them.
<code>\$HOSTD+O , %NAME\$S</code>	A comma separated list of the short names of all the hostgroup(s that this host belongs to.
<code>&ASTHOST / HE / 9\$</code>	This is a timestamp (in timeFt format (seconds since the , N\$: e(o"h) indicating the time at which a "he" of the host was last performed!
<code>&ASTHOSTSTATE / HANDE\$</code>	This is a timestamp (in timeFt format (seconds since the , N\$: e(o"h) indicating the time the host last "change! state.
<code>&ASTHOST , %\$</code>	This is a timestamp (in timeFt format (seconds since the , N\$: e(o"h) indicating the time at which the host was last !ete"te! as being in an , state.

<code>\$&ASTHOST#O . N\$</code>	This is a timestamp (in timeFt format (see "on!s sin"e the , N\$: e(o"h) in!i"ating the time at 7hi"h the host 7as last !ete"te! as being in a #O . N state.
<code>\$&ASTHOST , N+EA / HA0&E\$</code>	This is a timestamp (in timeFt format (see "on!s sin"e the , N\$: e(o"h) in!i"ating the time at 7hi"h the host 7as last !ete"te! as being in an , N+EA / HA0&E state.
<code>\$HOSTO , T% , T\$</code>	The first line of text output from the last host "he" (i.e. "%ing O9").
<code>\$&ONDHOSTO , T% , T\$</code>	The full text output (as!e from the first line) from the last host "he" .
<code>\$HOST%E+6#ATA\$</code>	This macro "ontains an) (erforman"e !ata that ma) have been returne! b) the last host "he" .
<code>\$HOST / HE / 9 / OMMAN#\$</code>	This macro "ontains the name of the "omman! (along 7ith an) arguments (asse! to it) use! to (erform the host "he" .
<code>\$HOSTA / 9A , THO+\$</code>	A string "ontaining the name of the user 7ho a" no 7le!ge! the host (roblem. This macro is onl) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ macro is set to "A / 9NO . &E#DEMENT".
<code>\$HOSTA / 9A , THO+NAME\$</code>	A string "ontaining the short name of the "onta"t (if a((li"able) 7ho a" no 7le!ge! the host (roblem. This macro is onl) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ macro is set to "A / 9NO . &E#DEMENT".
<code>\$HOSTA / 9A , THO+A&\$AS\$</code>	A string "ontaining the alias of the "onta"t (if a((li"able) 7ho a" no 7le!ge! the host (roblem. This macro is onl) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ macro is set to "A / 9NO . &E#DEMENT".
<code>\$HOSTA / 9 / OMMENT\$</code>	A string "ontaining the a" no 7le!gement "omment that 7as entere! b) the user 7ho a" no 7le!ge! the host (roblem. This macro is onl) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ macro is set to "A / 9NO . &E#DEMENT".
<code>\$HOSTA / T\$ON , +&\$</code>	A"tion , +& for the host. This macro ma) "ontain other ma"ros (e.g. \$HOSTNAME\$)- 7hi"h "an be useful 7hen)ou 7ant to (ass the host name to a 7eb (age.
<code>\$HOSTNOTES , +&\$</code>	Notes , +& for the host. This macro ma) "ontain other ma"ros (e.g. \$HOSTNAME\$)- 7hi"h "an be useful 7hen)ou 7ant to (ass the host name to a 7eb (age.
<code>\$HOSTNOTES\$</code>	Notes for the host. This macro ma) "ontain other ma"ros (e.g. \$HOSTNAME\$)- 7hi"h "an be useful 7hen)ou 7ant to host&s(e"ifi" status information- et". in the !es"ri(tion.
<code>\$TOTA&HOSTSE+ ; \$ / ES\$</code>	The total number of servi"es asso"iate! 7ith the host.
<code>\$TOTA&HOSTSE+ ; \$ / ES O9\$</code>	The total number of servi"es asso"iate! 7ith the host that are in an O9 state.
<code>\$TOTA&HOSTSE+ ; \$ / ES . A+N\$ND\$</code>	The total number of servi"es asso"iate! 7ith the host that are in a . A+N\$ND state.
<code>\$TOTA&HOSTSE+ ; \$ / ES , N9NO . N\$</code>	The total number of servi"es asso"iate! 7ith the host that are in an , N9NO . N state.
<code>\$TOTA&HOSTSE+ ; \$ / ES / +\$T\$ / A&\$</code>	The total number of servi"es asso"iate! 7ith the host that are in a / +\$T\$ / A& state.

Host Group Macros

<code>\$HOSTD+O , %A&\$AS\$</code>	The long name * alias of either 4) the <code>hostgroup(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) hostgroup(asso"iate! 7ith the "urrent host (if not use! in the "ontext of an on8! eman! ma"ro)</code> . This value is ta en from the <i>alias</i> !ire"tive in the hostgroup(!efinition .
<code>\$HOSTD+O , %MEM0E+S\$</code>	A "omma8se(arate! list of all hosts that belong to either 4) the <code>hostgroup(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) hostgroup(asso"iate! 7ith the "urrent host (if not use! in the "ontext of an on8! eman! ma"ro)</code> .
<code>\$HOSTD+O , %NOTES\$</code>	The notes asso"iate! 7ith either 4) the <code>hostgroup(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) hostgroup(asso"iate! 7ith the "urrent host (if not use! in the "ontext of an on8! eman! ma"ro)</code> . This value is ta en from the <i>notes</i> !ire"tive in the hostgroup(!efinition .
<code>\$HOSTD+O , %NOTES , +&\$</code>	The notes , +& asso"iate! 7ith either 4) the <code>hostgroup(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) hostgroup(asso"iate! 7ith the "urrent host (if not use! in the "ontext of an on8! eman! ma"ro)</code> . This value is ta en from the <i>notes_url</i> !ire"tive in the hostgroup(!efinition .
<code>\$HOSTD+O , %A / T\$ON , +&\$</code>	The a"tion , +& asso"iate! 7ith either 4) the <code>hostgroup(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) hostgroup(asso"iate! 7ith the "urrent host (if not use! in the "ontext of an on8! eman! ma"ro)</code> . This value is ta en from the <i>action_url</i> !ire"tive in the hostgroup(!efinition .

Service Macros

<code>\$SE+ ; \$ / E#ES / \$</code>	The long name* !es"ri(tion of the servi"e (i.e. "Main . ebsite"). This value is ta en from the <i>service_description</i> !ire"tive of the servi"e !efinition .
<code>\$SE+ ; \$ / E#\$S%&A ' NAME\$</code>	An alternate !is(la) name for the servi"e. This value is ta en from the <i>display_name</i> !ire"tive in the servi"e !efinition .
<code>\$SE+ ; \$ / ESTATE\$</code>	A string in !i"ating the "urrent state of the servi"e ("O9"- " . A+N\$ND"- " , N9NO . N"- or "/ +\$T\$ / A&").
<code>\$SE+ ; \$ / ESTATE\$#\$</code>	A number that "orres(on!s to the "urrent state of the servi"e! 23O9-43 . A+N\$ND- 53 / +\$T\$ / A&- ?3 , N9NO . N.
<code>\$&ASTSE+ ; \$ / ESTATE\$</code>	A string in !i"ating the last state of the servi"e ("O9"- " . A+N\$ND"- " , N9NO . N"- or "/ +\$T\$ / A&").
<code>\$&ASTSE+ ; \$ / ESTATE\$#\$</code>	A number that "orres(on!s to the last state of the servi"e! 23O9-43 . A+N\$ND- 53 / +\$T\$ / A&- ?3 , N9NO . N.
<code>\$SE+ ; \$ / ESTATET ' %E\$</code>	A string in !i"ating the state t)(e for the "urrent servi"e "he" ("HA+#" or "SO6T"). Soft states o""ur 7hen servi"e "he" s return a non8O9 state an! are in the (ro"ess of being retrie!. Har! states result 7hen servi"e "he" s have been "he" e! a s(e"ifie! maximum number of times.
<code>\$SE+ ; \$ / EATTEM%T\$</code>	The number of the "urrent servi"e "he" retr). 6or instan"e- if this is the se"on! time that the servi"e is being re"he" e!- this 7ill be the number t7o. / urrent attem(t number is reall) on! useful 7hen 7riting servi"e event han!lers for "soft" states that ta e a s(e"ifi" a"tion base! on the servi"e retr) number.

<code>\$MA : SE+ ; \$ / EATTEM% TSS</code>	The maximum number of attempts as defined for the "current service", useful when writing host event handlers for "soft" states that take a sequential action based on the service retry number.
<code>\$SE+ ; \$ / ESS ; O&AT&E\$</code>	Specifies whether the service is marked as being volatile or not (1 = not volatile, 0 = volatile).
<code>\$SE+ ; \$ / EE ; ENT\$#\$</code>	A global unique number associated with the service's "current state". Every time a service (or host) experiences a state change, a global event number is incremented by one (4). If a service has experienced no state changes, this macro will be set to zero (2).
<code>&ASTSE+ ; \$ / EE ; ENT\$#\$</code>	The (previous global) unique event number that given to the service.
<code>\$SE+ ; \$ / E%+O0&EM\$#\$</code>	A global unique number associated with the service's "current (problem) state". Every time a service (or host) transitions from an OK or "OK" state to a (problem) state, a global (problem) number is incremented by one (4). This macro will be non-zero if the service is "currently" a non-OK state. State transitions between non-OK states (e.g., "A+N\$ND to /+\$T\$/ A&") do not cause this (problem) number to increase. If the service is "currently" in an OK state, this macro will be set to zero (2). Combine with event handlers, this macro should be used to automatically detect when services first enter a (problem) state.
<code>&ASTSE+ ; \$ / E%+O0&EM\$#\$</code>	The (previous global) unique (problem) number that was given to the service. Combine with event handlers, this macro should be used for automatically detecting when a service reverts to an OK state.
<code>\$SE+ ; \$ / E&ATEN / '\$</code>	A (floating point) number indicating the number of seconds that a service's "health" lags behind its "health" time. For instance, if a "health" was seconds for 2:14:14A and it didn't get executed until 2:14:14B, there would be a "health" latency of 5.2 seconds.
<code>\$SE+ ; \$ / EE : E / , T\$ONT\$ME\$</code>	A (floating point) number indicating the number of seconds that the service's "health" took to execute (i.e. the amount of time the "health" was executing).
<code>\$SE+ ; \$ / E# , +AT\$ON\$</code>	A string indicating the amount of time that the service has spent in its "current state". Format is " : : h ' ' m CCs" - indicating hours, minutes and seconds.
<code>\$SE+ ; \$ / E# , +AT\$ONSE / \$</code>	A number indicating the number of seconds that the service has spent in its "current state".
<code>\$SE+ ; \$ / E#O . NT\$ME\$</code>	A number indicating the "current" "uptime" for the service. If this service is "currently" in a (period) of "health" - the value will be greater than zero. If the service is not "currently" in a (period) of "uptime" - this value will be zero.
<code>\$SE+ ; \$ / E%E+ / ENT / HANDE\$</code>	A (floating point) number indicating the (current) state change the service has undergone. Current state change is used by the fluctuation algorithm.
<code>\$SE+ ; \$ / ED+O , %NAME\$</code>	The short name of the service group (that this service belongs to). This value is taken from the <i>servicegroup_name</i> directive in the servicegroup definition. If the service belongs to more than one service group, this macro will contain the name of the first one of them.
<code>\$SE+ ; \$ / ED+O , %NAME\$</code>	A comma-separated list of the short names of all the service groups that this service belongs to.
<code>&ASTSE+ ; \$ / E / HE / 9\$</code>	This is a timestamp in timeFt format (seconds since the epoch) indicating the time at which a "health" of the service was last performed.
<code>&ASTSE+ ; \$ / ESTATE / HANDE\$</code>	This is a timestamp in timeFt format (seconds since the epoch)

	in!"ating the time the servi"e last "hange! state.
<code>\$&ASTSE+ ; \$/EO9\$</code>	This is a timestam(in timeFt format (se"on!s sin"e the , N\$: e(o"h) in!"ating the time at 7hi"h the servi"e 7as last !ete"te! as being in an O9 state.
<code>\$&ASTSE+ ; \$/E . A+N\$ND\$</code>	This is a timestam(in timeFt format (se"on!s sin"e the , N\$: e(o"h) in!"ating the time at 7hi"h the servi"e 7as last !ete"te! as being in a . A+N\$ND state.
<code>\$&ASTSE+ ; \$/E , N9NO . N\$</code>	This is a timestam(in timeFt format (se"on!s sin"e the , N\$: e(o"h) in!"ating the time at 7hi"h the servi"e 7as last !ete"te! as being in an , N9NO . N state.
<code>\$&ASTSE+ ; \$/E / +\$T\$ / A&\$</code>	This is a timestam(in timeFt format (se"on!s sin"e the , N\$: e(o"h) in!"ating the time at 7hi"h the servi"e 7as last !ete"te! as being in a / +\$T\$ / A& state.
<code>\$SE+ ; \$/EO , T% , T\$</code>	The first line of text out(ut from the last servi"e "he" (i.e. "%ing O9").
<code>\$&ONDSE+ ; \$/EO , T% , T\$</code>	The full text out(ut (asi!e from the first line) from the last servi"e "he" .
<code>\$SE+ ; \$/E%E+6#ATA\$</code>	This ma"ro "ontains an) (erforman"e !ata that ma) have been returne! b) the last servi"e "he" .
<code>\$SE+ ; \$/E/HE/9/OMMAN#\$</code>	This ma"ro "ontains the name of the "omman! (along 7ith an) arguments (asse! to it) use! to (erform the servi"e "he" .
<code>\$SE+ ; \$/EA/9A , THO+\$</code>	A string "ontaining the name of the user 7ho a" no7le!ge! the servi"e (roblem. This ma"ro is on!) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is set to "A / 9NO . &E#DEMENT".
<code>\$SE+ ; \$/EA/9A , THO+NAME\$</code>	A string "ontaining the short name of the "onta"t (if a((li"able) 7ho a" no7le!ge! the servi"e (roblem. This ma"ro is on!) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is set to "A / 9NO . &E#DEMENT".
<code>\$SE+ ; \$/EA/9A , THO+A&\$AS\$</code>	A string "ontaining the alias of the "onta"t (if a((li"able) 7ho a" no7le!ge! the servi"e (roblem. This ma"ro is on!) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is set to "A / 9NO . &E#DEMENT".
<code>\$SE+ ; \$/EA/9/OMMENT\$</code>	A string "ontaining the a" no7le!gement "omment that 7as entere! b) the user 7ho a" no7le!ge! the servi"e (roblem. This ma"ro is on!) vali! in notifi"ations 7here the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is set to "A / 9NO . &E#DEMENT".
<code>\$SE+ ; \$/EA/T\$ON , +&\$</code>	A"tion , +& for the servi"e. This ma"ro ma) "ontain other ma"ros (e.g. \$HOSTNAME\$ or \$SE+ ; \$/E#ES/\$)- 7hi"h "an be useful 7hen)ou 7ant to (ass the servi"e name to a 7eb (age.
<code>\$SE+ ; \$/ENOTES , +&\$</code>	Notes , +& for the servi"e. This ma"ro ma) "ontain other ma"ros (e.g. \$HOSTNAME\$ or \$SE+ ; \$/E#ES/\$)- 7hi"h "an be useful 7hen)ou 7ant to (ass the servi"e name to a 7eb (age.
<code>\$SE+ ; \$/ENOTES\$</code>	Notes for the servi"e. This ma"ro ma) "ontain other ma"ros (e.g. \$HOSTNAME\$ or \$SE+ ; \$/ESTATE\$)- 7hi"h "an be useful 7hen)ou 7ant to servi"e&s(e"ifi" status information- et". in the !es"ri(tion

Service Group Macros

<code>\$SE+ ; \$/ED+O , %A&\$AS\$</code>	The long name * alias of either 4) the <code>servi"egrou(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) servi"egrou(asso"iate! 7ith the "urrent servi"e (if not use! in the "ontext of an on8! eman! ma"ro). This value is ta en from the <i>alias</i> !ire"tive in the servi"egrou(!efinition.</code>
<code>\$SE+ ; \$/ED+O , %MEM0E+S\$</code>	A "omma&se(arate! list of all servi"es that belong to either 4) the <code>servi"egrou(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) servi"egrou(asso"iate! 7ith the "urrent servi"e (if not use! in the "ontext of an on8! eman! ma"ro).</code>
<code>\$SE+ ; \$/ED+O , %NOTES\$</code>	The notes asso"iate! 7ith either 4) the <code>servi"egrou(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) servi"egrou(asso"iate! 7ith the "urrent servi"e (if not use! in the "ontext of an on8! eman! ma"ro). This value is ta en from the <i>notes</i> !ire"tive in the servi"egrou(!efinition.</code>
<code>\$SE+ ; \$/ED+O , %NOTES , +&\$</code>	The notes , +& asso"iate! 7ith either 4) the <code>servi"egrou(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) servi"egrou(asso"iate! 7ith the "urrent servi"e (if not use! in the "ontext of an on8! eman! ma"ro). This value is ta en from the <i>notes_url</i> !ire"tive in the servi"egrou(!efinition.</code>
<code>\$SE+ ; \$/ED+O , %NOTES\$</code>	The a"tion , +& asso"iate! 7ith either 4) the <code>servi"egrou(name (asse! as an on8! eman! ma"ro argument or 5) the (rimar) servi"egrou(asso"iate! 7ith the "urrent servi"e (if not use! in the "ontext of an on8! eman! ma"ro). This value is ta en from the <i>action_url</i> !ire"tive in the servi"egrou(!efinition.</code>

Contact Macros

<code>\$/ONTA/TNAME\$</code>	Short name for the "onta"t (i.e. "E!oe") that is being notifie! of a host or servi"e (roblem. This value is ta en from the <i>contact_name</i> !ire"tive in the "onta"t !efinition .
<code>\$/ONTA/TA&\$AS\$</code>	&ong name! es"ri(tion for the "onta"t (i.e. "Gohn #oe") being notifie!. This value is ta en from the <i>alias</i> !ire"tive in the "onta"t !efinition .
<code>\$/ONTA/TEMA\$&\$</code>	Email a!!ress of the "onta"t being notifie!. This value is ta en from the <i>email</i> !ire"tive in the "onta"t !efinition .
<code>\$/ONTA/T%ADE+\$</code>	%ager number*a! !ress of the "onta"t being notifie!. This value is ta en from the <i>pager</i> !ire"tive in the "onta"t !efinition .
<code>\$/ONTA/TA##+ESSn\$</code>	A!!ress of the "onta"t being notifie!. Ea" h "onta"t "an have six !ifferen a!!resses (in a!!ition to email a!!ress an! (ager number). The ma"ros for these a!!resses are <code>\$/ONTA/TA##+ESS4\$</code> & <code>\$/ONTA/TA##+ESSH\$</code> . This value is ta en from the <i>addressx</i> !ire"tive in the "onta"t !efinition .
<code>\$/ONTA/TD+O , %NAME\$</code>	The short name of the "onta"tgrou(that this "onta"t is a member of. This value is ta en from the <i>contactgroup_name</i> !ire"tive in the "onta"tgrou(!efinition . \$f the "onta"t belongs to more than one "onta"tgrou(this ma"ro 7ill "ontain the name of Eust one of them.
<code>\$/ONTA/TD+O , %NAME\$</code>	A "omma se(arate! list of the short names of all the "onta"tgrou(s that this "onta"t is a member of.

Contact Group Macros

<code>\$/ONTA/TD+O,%A&\$AS\$</code>	The long name * alias of either 4) the "ontatgrou(name (asse! as an on8 !eman! ma"ro argument or 5) the (rimar) "ontatgrou(asso"iate! 7ith the "urrent "ontat (if not use! in the "ontext of an on8!eman! ma"ro). This value is ta en from the <i>alias</i> !ire"tive in the "ontatgrou(!efinition .
<code>\$/ONTA/TD+O,%MEM0E+S\$</code>	A "omma8se(arate! list of all "ontats that belong to either 4) the "ontatgrou(name (asse! as an on8!eman! ma"ro argument or 5) the (rimar) "ontatgrou(asso"iate! 7ith the "urrent "ontat (if not use! in the "ontext of an on8!eman! ma"ro).

Summary Macros

<code>\$TOTALHOSTS,%\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) in an ,% state.
<code>\$TOTALHOSTS#O.N\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) in a #O.N state.
<code>\$TOTALHOSTS,N+EA/HA0&E\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) in an ,N+EA/HA0&E state.
<code>\$TOTALHOSTS#O.N,NHAN#&E#\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) in a #O.N state that are not "urrentl) being "han!le!". ,nhan!le! host (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.
<code>\$TOTALHOSTS,N+EA/HA0&E,NHAN#&E#\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) in an ,N+EA/HA0&E state that are not "urrentl) being "han!le!". ,nhan!le! host (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.
<code>\$TOTALHOST%+O0&EMS\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) either in a #O.N or an ,N+EA/HA0&E state.
<code>\$TOTALHOST%+O0&EMS,NHAN#&E#\$</code>	This ma"ro refle"ts the total number of hosts that are "urrentl) either in a #O.N or an ,N+EA/HA0&E state that are not "urrentl) being "han!le!". ,nhan!le! host (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.
<code>\$TOTALSE+;\$/ESO9\$</code>	This ma"ro refle"ts the total number of servi"es that are "urrentl) in an O9 state.
<code>\$TOTALSE+;\$/ES.A+N\$ND\$</code>	This ma"ro refle"ts the total number of servi"es that are "urrentl) in a .A+N\$ND state.
<code>\$TOTALSE+;\$/ES/+T\$/A&\$</code>	This ma"ro refle"ts the total number of servi"es that are "urrentl) in a /+T\$/A& state.
<code>\$TOTALSE+;\$/ES,N9NO.N\$</code>	This ma"ro refle"ts the total number of servi"es that are "urrentl) in an ,N9NO.N state.
<code>\$TOTALSE+;\$/ES.A+N\$ND,NHAN#&E#\$</code>	This ma"ro refle"ts the total number of servi"es that are

	"urrentl) in a . A+N\$ND state that are not "urrentl) being "han!le!". , nhan!le! servi"es (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.
\$TOTA&SE+ ; \$/ES / +\$T\$ / A& , NHAN#&E#\$	This ma"ro refle"ts the total number of servi"es that are "urrentl) in a / +\$T\$ / A& state that are not "urrentl) being "han!le!". , nhan!le! servi"es (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.
\$TOTA&SE+ ; \$/ES , N9NO . N , NHAN#&E#\$	This ma"ro refle"ts the total number of servi"es that are "urrentl) in an , N9NO . N state that are not "urrentl) being "han!le!". , nhan!le! servi"es (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.
\$TOTA&SE+ ; \$/E%+O0&EMS\$	This ma"ro refle"ts the total number of servi"es that are "urrentl) either in a . A+N\$ND- / +\$T\$ / A&- or , N9NO . N state.
\$TOTA&SE+ ; \$/E%+O0&EMS , NHAN#&E#\$	This ma"ro refle"ts the total number of servi"es that are "urrentl) either in a . A+N\$ND- / +\$T\$ / A&- or , N9NO . N state that are not "urrentl) being "han!le!". , nhan!le! servi"es (roblems are those that are not a" no7le!ge!- are not "urrentl) in s"he!ule! !o7ntime- an! for 7hi"h "he" s are "urrentl) enable!.

Notification Macros

\$NOT\$6\$ / AT\$ONT ' %E\$	A string i!entifying the t(e of notifi"ation that is being sent ("% +O0&EM"- "+E / O ; E+ ' "- "A / 9NO . &E#DEMENT"- "6&A%%\$NDSTA+T"- "6&A%%\$NDSTO%"- "6&A%%\$ND#\$SA0&E#"- "#O . NT\$MESTA+T"- "#O . NT\$MEEN#" - or "#O . NT\$ME / AN / E&&E#").
\$NOT\$6\$ / AT\$ON+E / %\$SENTS\$	A "omma8se(arate! list of the short names of all "onta"ts that are being notifie! about the host or servi"e.
\$NOT\$6\$ / AT\$ON\$SES / A&ATE#\$	An integer in!iating 7hether this 7as sent to normal "onta"ts for the host or servi"e or if it 7as es"alate!. 2 3 Normal (non8es"alate!) notifi"ation - 4 3 Es"alate! notifi"ation.
\$NOT\$6\$ / AT\$ONA , THO+\$	A string "ontaining the name of the user 7ho authore! the notifi"ation. \$f the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is set to "#O . NT\$MESTA+T" or "#O . NT\$MEEN#" - this 7ill be the name of the user 7ho s"he!ule! !o7ntime for the host or servi"e. \$f the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is "A / 9NO . &E#DEMENT"- this 7ill be the name of the user 7ho a" no7le!ge! the host or servi"e (roblem. \$f the \$NOT\$6\$ / AT\$ONT ' %E\$ ma"ro is " / , STOM"- this 7ill be name of the user 7ho initiate! the "ustom host or servi"e notifi"ation.
\$NOT\$6\$ / AT\$ONA , THO+NAME\$	A string "ontaining the short name of the "onta"t (if a((li"able) s(e"ifie! in the \$NOT\$6\$ / AT\$ONA , THO+\$ ma"ro.
\$NOT\$6\$ / AT\$ONA , THO+A&\$AS\$	A string "ontaining the alias of the "onta"t (if a((li"able) s(e"ifie! in the \$NOT\$6\$ / AT\$ONA , THO+\$ ma"ro.

<code>\$NOT\$6\$/ AT\$ON/ OMMENT\$</code>	A string "ontaining the "omment that 7as entere! b) the notifi"ation author. \$f the \$NOT\$6\$/ AT\$ONT ' %E\$ ma"ro is set to "#O . NT\$MESTA+T" or "#O . NT\$MEEN#" - this 7ill be the "omment entere! b) the user 7ho s"he!ule! !o7ntime for the host or servi"e. \$f the \$NOT\$6\$/ AT\$ONT ' %E\$ ma"ro is "A / 9NO . &E#DEMENT" - this 7ill be the "omment entere! b) the user 7ho a" no7le!ge! the host or servi"e (roblem. \$f the \$NOT\$6\$/ AT\$ONT ' %E\$ ma"ro is "/ , STOM" - this 7ill be "omment entere! b) the user 7ho initiate! the "ustom host or servi"e notifi"ation.
<code>\$HOSTNOT\$6\$/ AT\$ONN , M0E+\$</code>	The "urrent notifi"ation number for the host. The notifi"ation number in"reases b) one (4) ea"h time a ne7 notifi"ation is sent out for the host (ex"e(t for a" no7le!gements). The notifi"ation number is reset to 2 7hen the host re"overs (<i>after</i> the re"over) notifi"ation has gone out). A" no7le!gements !o not "ause the notifi"ation number to in"rease- nor !o notifi"ations !ealing 7ith fla(!ete"tion or s"he!ule! !o7ntime.
<code>\$HOSTNOT\$6\$/ AT\$ONS#\$</code>	A uni<ue number i!entif)ing a host notifi"ation. Notifi"ation \$# numbers are uni<ue a"ross both hosts an! servi"e notifi"ations- so)ou "oul! (otentiall) use this uni<ue number as a (rimar) e) in a notifi"ation !atabase. Notifi"ation \$# numbers shoul! remain uni<ue a"ross restarts of the Nagios (ro"ess- so long as)ou have state retention enable!. The notifi"ation \$# number is in"remente! b) one (4) ea"h time a ne7 host notifi"ation is sent out- an! regar! less of ho7 man) "onta"ts are notifie!.
<code>\$SE+ ; \$/ ENOT\$6\$/ AT\$ONN , M0E+\$</code>	The "urrent notifi"ation number for the servi"e. The notifi"ation number in"reases b) one (4) ea"h time a ne7 notifi"ation is sent out for the servi"e (ex"e(t for a" no7le!gements). The notifi"ation number is reset to 2 7hen the servi"e re"overs (<i>after</i> the re"over) notifi"ation has gone out). A" no7le!gements !o not "ause the notifi"ation number to in"rease- nor !o notifi"ations !ealing 7ith fla(!ete"tion or s"he!ule! !o7ntime.
<code>\$SE+ ; \$/ ENOT\$6\$/ AT\$ONS#\$</code>	A uni<ue number i!entif)ing a servi"e notifi"ation. Notifi"ation \$# numbers are uni<ue a"ross both hosts an! servi"e notifi"ations- so)ou "oul! (otentiall) use this uni<ue number as a (rimar) e) in a notifi"ation !atabase. Notifi"ation \$# numbers shoul! remain uni<ue a"ross restarts of the Nagios (ro"ess- so long as)ou have state retention enable!. The notifi"ation \$# number is in"remente! b) one (4) ea"h time a ne7 servi"e notifi"ation is sent out- an! regar! less of ho7 man) "onta"ts are notifie!.

Date/Time Macros

<code>\$&OND# ATET\$ME\$</code>	/ urrent !ate*time stam((i.e. <i>Fri Oct 13 00:30:28 CDT 2000</i>). 6ormat of !ate is !etermine! b) !ateFformat !ire"tive.
<code>\$SHO+T# ATET\$ME\$</code>	/ urrent !ate*time stam((i.e. <i>10-13-2000 00:30:28</i>). 6ormat of !ate is !etermine! b) !ateFformat !ire"tive.
<code>\$#ATE\$</code>	#ate stam((i.e. <i>10-13-2000</i>). 6ormat of !ate is !etermine! b) !ateFformat !ire"tive.
<code>\$T\$ME\$</code>	/ urrent time stam((i.e. <i>00:30:28</i>).
<code>\$T\$MET\$</code>	/ urrent time stam(in timeFt format (se"on!s sin"e the , N\$: e(o"n)).
<code>\$S\$; A&\$#T\$ME!\$</code>	This is a s(e"ial on\$!eman! ma"ro that returns a 4 or 2 !e(en)ing on 7hether or not a (arti"ular time is vali! 7ithin a s(e"ifie! time(erio!). There are t7o 7as) of using this ma"ro!

	<p>4. \$ISVALIDTIME:24x7\$ will be set to "4" if the "urrent time is vali! 7ithin the "5@xB" time(erio!. \$f not- it 7ill be set to "2".</p> <p>5. \$ISVALIDTIME:24x7:timestamp\$ 7ill be set to "4" if the time s(e"ifie! b) the "timestam(" argument (7hi"h must be in timeFt format) is vali! 7ithin the "5@xB" time(erio!. \$f not- it 7ill be set to "2".</p>
\$NEXTVALIDTIME:24x7\$	<p>This is a s(e"ial on\$!eman! ma"ro that returns the next vali! time (in timeFt format) for a s(e"ifie! time(erio!. There are t7o 7a)s of using this ma"ro!</p> <p>4. \$NEXTVALIDTIME:24x7\$ 7ill return the next vali! time \$ from an! in"lu!ing the "urrent time \$ in the "5@xB" time(erio!.</p> <p>5. \$NEXTVALIDTIME:24x7:timestamp\$ 7ill return the next vali! time \$ from an! in"lu!ing the time s(e"ifie! b) the "timestam(" argument (7hi"h must be s(e"ifie! in timeFt format) \$ in the "5@xB" time(erio!.</p> <p>\$f a next vali! time "annot be foun! in the s(e"ifie! time(erio!- the ma"ro 7ill be set to "2".</p>

File Macros

\$MAIN / ON6D6\$&E\$	The lo"ation of the main "onfig file .
\$STAT , S#ATA6\$&E\$	The lo"ation of the status !ata file .
\$/OMMENT#ATA6\$&E\$	The lo"ation of the "omment !ata file.
\$/O . NT\$ME#ATA6\$&E\$	The lo"ation of the !o7ntime !ata file.
\$/ETENT\$ON#ATA6\$&E\$	The lo"ation of the retention !ata file .
\$/OGE / T / A / HE6\$&E\$	The lo"ation of the ob\$e"t "a"he file .
\$TEM%6\$&E\$	The lo"ation of the tem(file .
\$TEM%%ATH\$	The !ire"tor s(e"ifie! b) the tem((ath variable.
\$/OD6\$&E\$	The lo"ation of the log file .
\$/ESO , + / E6\$&E\$	The lo"ation of the resour"e file .
\$/OMMAN#6\$&E\$	The lo"ation of the "omman! file .
\$/HOST%E+6#ATA6\$&E\$	The lo"ation of the host (erforman"e !ata file (if !efine!).
\$/SE+ ; \$ / E%E+6#ATA6\$&E\$	The lo"ation of the servi"e (erforman"e !ata file (if !efine!).

Misc Macros

\$/O / ESSSTA+TT\$ME\$	Time stam(in timeFt format (se"on!s sin"e the , N\$: e(o"h) in"i"ating 7hen the Nagios (ro"ess 7as last (re)starte!. ' ou "an !etermine the number of se"on!s that Nagios has been running (sin"e it 7as last restarte!) b) subtra"ting \$/O / ESSSTA+TT\$ME\$ from \$T\$MET\$.
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<code>\$E ; ENTSTA+TT\$ME\$</code>	Time stamp (in timeFt format (seconds since the epoch)) indicating when the Nagios process started (process events ("he" s- et"). ' ou "an !etermine the number of seconds that it took for Nagios to start (b) subtracting \$%+O / ESSTA+TT\$ME\$ from \$E ; ENTSTA+TT\$ME\$.
<code>\$A#M\$NEMA\$&\$</code>	Global administrative email address. This value is taken from the adminEmail directive.
<code>\$A#M\$N%ADE+\$</code>	Global administrative (pager number) address. This value is taken from the adminF(ager directive.
<code>\$A+Dn\$</code>	The <i>n</i> th argument (assigned to the "command" (notification- event handler- service "he" - et"). Nagios supports up to 25 argument macros (\$A+D4\$ through \$A+D?5\$).
<code>\$, SE+n\$</code>	The <i>n</i> th user-definable macro. User macros can be defined in one or more resource files . Nagios supports up to 25 user macros (\$, SE+4\$ through \$, SE+?5\$).