

RE: Advice on Create a SQL Server

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.setup/2009-06/msg00110.html>

- *From:* Accesshelp <Accesshelp@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 22 Jun 2009 08:01:02 -0700
-

Michael,

Thanks for the information.

Of course, I listen to my IT department. However, I also want to make sure that I know what I am talking about when I talk to IT.

Thanks again.

"a0209129" wrote:

AccessHelp,

Listen to your IT department. They will, for the most part, understand what to install for SQL Server. Use the default collation. On "Authentication Mode" – it depends on how you will be connecting to your database. If you have an application connecting to your database that resides on a windows domain, and running on a windows domain account, it is better to run under Windows Authentication mode. However, some applications require a connection to SQL Server using a username/password. In that case you will need to use Mixed Mode.

--

Michael Loyd
MCDBA
a0209129

"Linchi Shea" wrote:

The default collation is the one SQL Server setup presents you when you install SQL Server and choose everything by default. It depends on your Windows locale, which you can find from Regional Options in Control Panel.

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For US English, it's SQL_Latin1_General_CP1_CI_AS.

Look up in the Books Online under "Default Collations in SQL Server Setup" for the complete list of the default collations.

Linchi

"Accesshelp" wrote:

Hi Linchi,

Thank you very much for continuing to help. I am not sure what the server default collation is. I think I know what I should have for collation.

Below is what I come up with:

SQL_Latin1_General_CP1_CI_AS_KI_WI
Dictionary order, case-insensitive

What do you think of it?

In addition, what other things that I need to know? As far as Authentication Mode, based on what I have read, Windows Authentication is the best option. Do you agree?

Thanks.

"Linchi Shea" wrote:

No, there is no one-fit-all collation. You have to make a choice. But if you have no idea and nobody else has any idea when it comes to your database, you are probably fine with a server default collation -- just a wild guess.

Linchi

"Accesshelp" wrote:

Linchi,

Thanks again for the information.

Is there a "one-fit-all"

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collation? I am not sure
what would be
appropriate. I will be using
this instance for the data
similar to tax
returns. How should I
determine the most
appropriate collation for this
instance?

Based on what you are
saying and based on what I
have read, wrong collation
can create headach.

Thanks.

"Linchi Shea" wrote:

Collations
determine
the physical
storage of
character
strings and
how they
are sorted.
Because
this is
fundamental
and any
change
afterwards
can be a
big
headache,
you want to
make sure
you use the
correct
collation
before
hand. If this
is a vendor
app, you
can ask the
vendor what
collation
should
be used. If

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it's an
internal app,
you can
probably
just match
whatever
collation is
used by the
QA/Dev
server or
check with
the
developer.

Linchi

"Accesshelp"
wrote:

Hi
Linchi,

Thanks
for
your
input.

I
read
about
collation,
but
I
didn't
quite
understand
what
collation
is.
Can
you
tell
me
what
collation
is
and
what
I
need

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to
have
for
collation
requirements?

Are
there
anything
else
that
I
need
to
look
for
or
to
communicate
with
IT?

Thanks.

"Linchi
Shea"
wrote:

Hopefully,
you
have
communicated
your
collation
requirement
to
your
IT.
You
don't
want
them
just
to
create
the
instance
with
whatever
assumption

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they
may
have
about
the
default
collation
if
there
is
a
chance
that
is
not
what
you
want.

Linchi

"Accesshelp"
wrote:

Hello
all,

After
lunch
today,
I
will
meet
with
our
IT
department
to
have
a
discussion
on
creating
a
new
SQL
Server
instance.
We
already

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have
instances
in
our
server,
and
the
IT
will
create
a
new
instance
for
my
databases.

I
have
never
created
a
SQL
Server
before,
and
I
don't
know
what
to
look
for.
It
will
be
SQL
Server
2005.

I
have
read
materials
from
SQL
Server
2005
Books
Online
and
from

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SQL
Server
2005
Bible
by
Paul
Nielsen
about
setting
up
SQL
Server.
However,
they
do
not
discuss
things
that
I
need
to
know
when
I
work
with
IT
department.

From
my
understanding,
IT
will
create
an
instance
(a
shell)
for
me
with
basic
setups
and
basic
securities.
I
will
then

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create
databases
in
the
instance.

Can
you
guys
share
some
items
that
I
need
to
mention
during
the
meeting
in
case
IT
misses
or
so
that
I
won't
act
like
I
do
not
know
anything?

Thanks.